

ELEVATORS

ESCALATOR

TRAVOLATORS



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ABOUT US



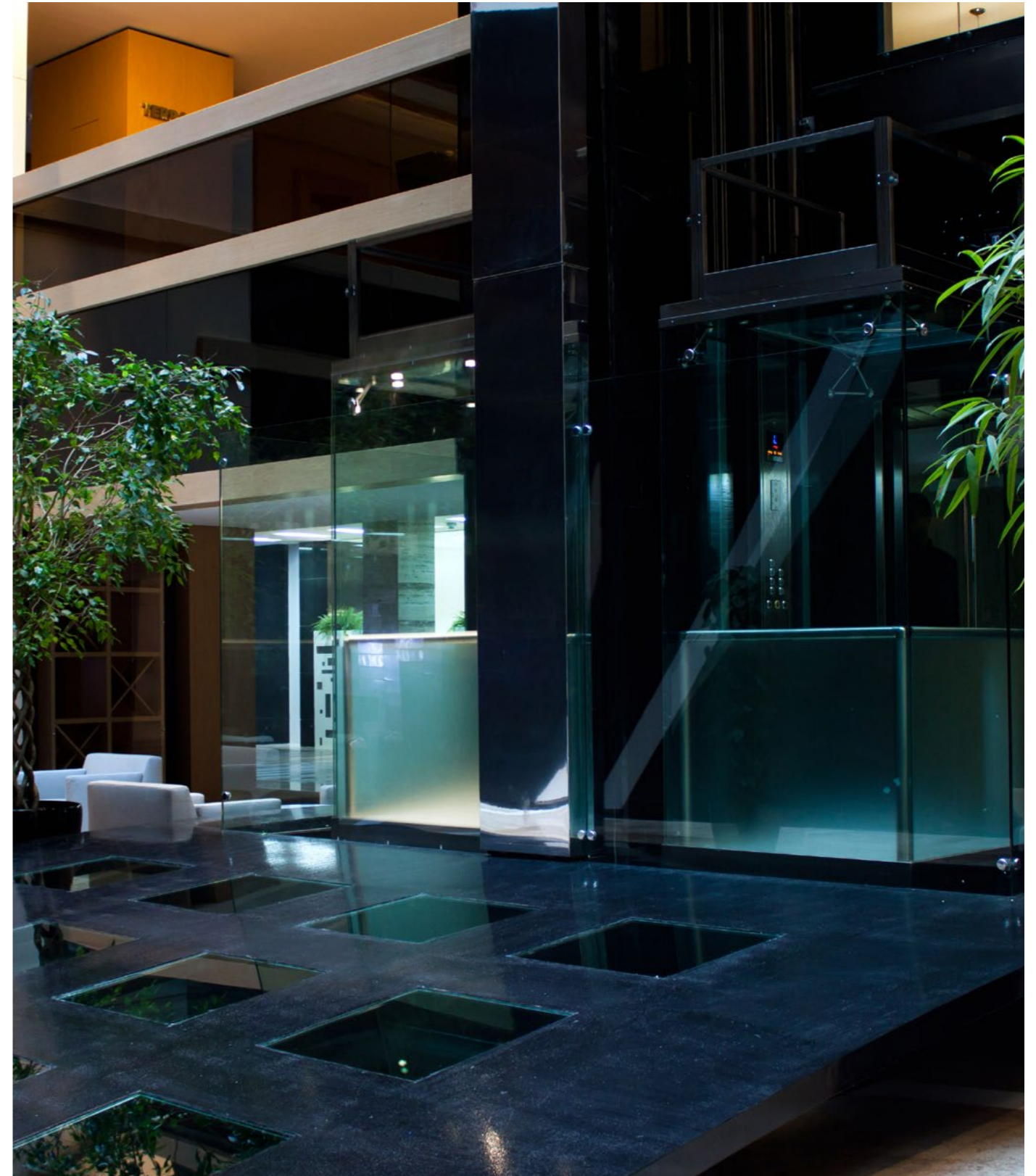
Our company was established in 1991 as a firm of international elevator sales, installation and maintenance with experience, using high technology.

It has shown a continuous ascending line until today and currently has spread with a network of agents with the ELZALIFT brand in many countries, and it is advancing to be a sought-after brand in its sector with safe steps.

We have a concrete business partnership with most well-known companies in the world (USA, Europe, Asia) in different projects in the area of technology development, product development, innovative design, know how transferring. This company has done many projects including design, sales, installation and maintenance and delivering business and technical consultancy services in the three continents (Asia, Europe, Africa).

We have special capabilities to design and installation of panoramic elevators, VIP elevators, and high-speed elevators, and they are serving people with pleasure and comfort at shopping centers, trade towers, hotels, hospitals, holiday villages, private residences. We administrate, sales, installation and projects teams, we take pride in serving our valuable customers for their needs and according to their requests.

To provide confidence, comfort, and satisfaction for our customers, it is the indispensable condition of our experienced management team to pay utmost attention to our services at every phase, and afterward, of the projects, sales and installation, and after-sales services.



GLOBAL SAFETY STANDARD

With its diversified international cultural background, Elzlift provides solution to meet the safety standards in different markets around the world. It includes safety standards in China, Australia, Europe the Middle East, Asia and North America. Our product is committed to provide the global elevator market reliable and state-of art solutions. Elzlift standards and code qualifications:

- GB7588-2003+ XG 1-2015
- EN81-20:2014
- GB26465-2011
- EN81-50:2015
- TSG T7007-2016
- EAC

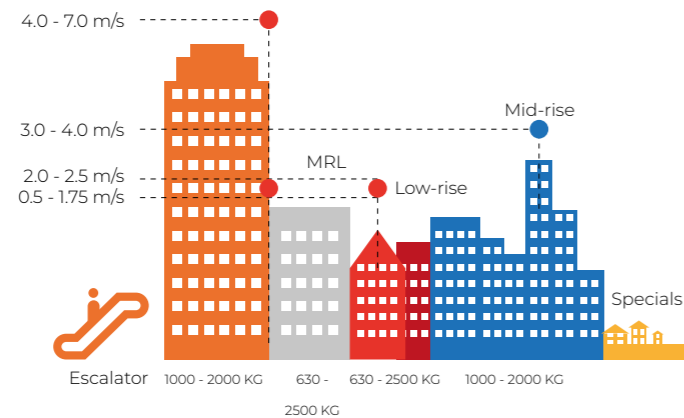
COMPLETE ELEVATOR SOLUTION

Type	Maximum Capacity (KG)	Maximum Speed (M/S)
Machine Room Passenger Elevator	2500	7.0
Machine Room Freight Elevator	8000	4.0
Machine Room Less Passenger Elevator	2500	2.5
Machine Room Less Freight Elevator	5000	1.0
Hydraulic Elevator	5000	1.0
Fire Fighter Elevator	1000	2.5

COMPLETE ESCALATOR AND MOVING WALKWAY SOLUTION

Type	Rise Max (H/M)	Gradient	Step Width/MM	Rated Speed (M/S)	Delivery Capacity
Escalator	0.5 ~ 27.2	30 / 35	600 / 800 / 1000	≤0.75	4900/6600/8200 people per hour (0.75m/s)

Type	Lenght Max (M)	Gradient	Step Width/MM	Rated Speed (M/S)	Delivery Capacity
Moving Way	≤ 134	10 / 11 / 12 degrees	1000 / 1200 / 1400	≤0.75	8200 people per hour (0.75 m/s)



ELZALIFT

MRL ELEVATOR SERIES

In architectural design, space is very valuable. With its unique design, Elzalift MRL series make the machine room is no longer a necessity, and you can enjoy a larger space, meeting your more creative needs of the building. When you encounter the challenge of transporting heavier loads and extreme construction, we can also provide you with professional customized solutions.

Coverage of MRL Elevator

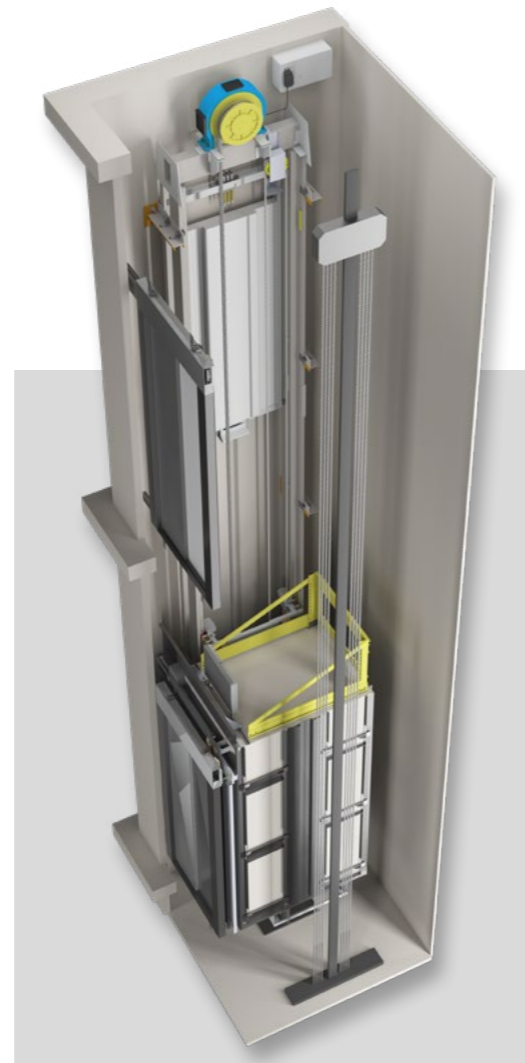
Load Range : 450-5000kg, Speed Range : 0.5 - 2.5m/s

Comprehensive Building Coordination

Elzalift MRL elevator products cover a wide range, which can provide customers with low-speed to medium-speed, low-level to medium-level MRL elevator products according to their different needs. Elzalift's unique MRL control and traction scheme are suitable for the design of MRL elevator projects in different markets around the world. In particular, Elzalift's integrated control system can achieve 6 group control units, effectively improving the efficiency of commercial building transportation. In addition, Elzalift also has a series of heavy-duty MRL elevator that are professionally designed for heavy loads, which can not only save building space, but also more easily match the construction conditions, can be applied to a variety of new and old buildings, which is an excellent solution for the vertical transportation of large industrial and commercial buildings.

Break Through The Limitations Of Space

Elzalift MRL elevator is specially designed for a variety of non-standard elevator shafts and buildings without machine room conditions, in addition to saving space and energy consumption, it can also be applied to buildings with different building structures. Elzalift MRL elevator covers a wide range of low and middle-rise buildings in commercial, residential and industrial areas. With the ultra-thin traction system directly installed on the track, which can meet the requirements of elevator installation without machine room conditions in the building, and can also be applied to various special shafts with narrow dimensions, low top layer and shallow bottom pit.





Easy Construction Coordination

Elzlift Machine Room Less Elevator provides a wide range of series. We provide MRL elevators from low to mid rise. Our compact control and traction system can easily meet the hoistway condition. Group control can also be applied up to 6 car group to increase the building efficiency. Elzlift Elevator developed heavy duty solution for freight purposes to achieve easy coordination with any available construction.

Easy Site Collaboration

Elzlift MRL elevator requires simple elevator system collaboration. The structural design is highly compatible with the job site. All guide support does not install on the hoistway wall, and there is no construction reserve needed. The control system can be installed in the middle or the bottom to match the existing building condition and design. The mechanical design ensures the simplicity of the system installation, electrical operation and minimizes the noise level.

PRODUCT RANGE

MRL	Low Rise	Mid Rise	Panoramic	Heavy Duty
Capacity Range	550kg-1200kg	800kg-2000kg	630kg-1000kg	3000kg-5000kg
	1350kg-2500kg			
Speed Range	0.63m/s-1.75m/s	2.0m/s-2.5m/s	1.0m/s-1.75m/s	0.5m/s-1.0m/s

The traction machine installs inside the machine box. Through horizontal alignment, the rail blade can be grasped in the special composite channel. It greatly reduces the vibration and noise transmission. The track can be pulled to top to avoid complex installation.



MRL HOISTWAY DIAGRAM

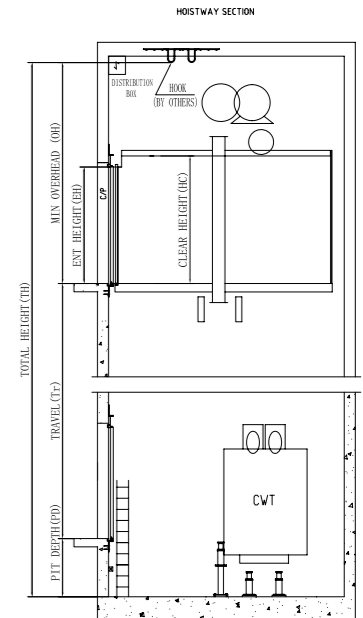


HEAVY DUTY LOW-RISE MRL

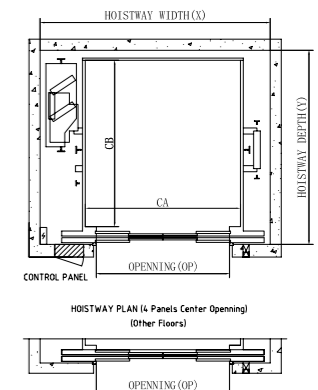
SIDE COUNTER WEIGHT CENTER OPENING 4:1

HEAVY DUTY MRL TECHNICAL DATA
(SIDE COUNTERWEIGHT - CENTER OPENING)

Specifications		Speed (m/s)	Cabin Inside (mm) CAxCB	Clear Height HC (mm)	Max Clear Opening OP (mm)	Hoistway (mm) (XxY)
Capacity (kg)	Persons					
3000	40	0.5	2050x2800	2350	1800	3200x3300
		1.0				
3500	46	0.5	2250x2900	2350	2000	3550x3400
		1.0				
4000	53	0.5	2500x2900	2350	2200	3800x3400
		1.0				
5000	66	0.5	2900x3100	2350	2400	4200x3600
		1.0				



Specifications		Min. Overhead OH (mm)	Min. Pit PD (mm)	Max. Travel Tr (mm)
Capacity (kg)	Speed (m/s)			
3000	0.5	3900	1600	30
	1.0			
3500-4000	0.5	3900	1800	30
	1.0			
5000	0.5	4200	1800	30
	1.0			



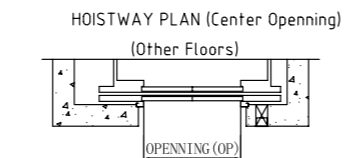
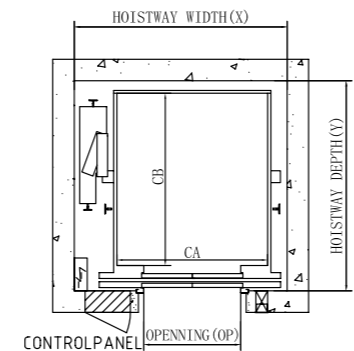
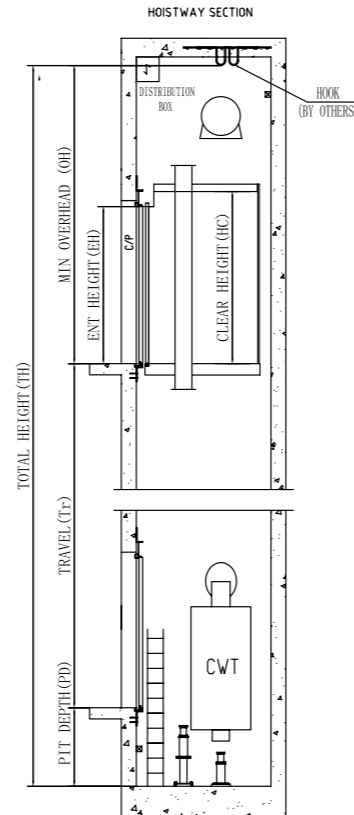
LOW-RISE MRL

SIDE COUNTER WEIGHT CENTER OPENING

MRL TECHNICAL DATA
(SIDE COUNTERWEIGHT - CENTER OPENING; 2:1)

Specifications		Speed (m/s)	Cabin Inside (mm) CAxCB	Clear Height HC (mm)	Max Clear Opening OP (mm)	Hoistway (mm) (XxY)
Capacity (kg)	Persons					
550	7	0.63	1150x1300	2300	800	1750x1650
		1.0				
		1.5				
630	8	0.63	1150x1400	2300	800	1850x1750
		1.0				
		1.5				
		1.75				
800	10	0.63	1400x1400	2300	900	2100x1750
		1.0				
		1.5				
		1.75				
1000	13	0.63	1500x1600	2300	900	2200x1950
		1.0				
		1.5				
		1.75				
1200	16	0.63	1600x1750	2300	1000	2300x2100
		1.0				
		1.5				
		1.75				

Specifications		Min. Overhead OH (mm)	Min. Pit PD (mm)	Max. Travel Tr (mm)	Remarks
Capacity (kg)	Speed (m/s)				
550	0.63	3700	1250	28	If decoration weight is greater than 200KG, increase pit depth 100mm for 1000KG capacity.
	1.0	3700	1250	45	
	1.5	3800	1350	65	
630-1200	0.63	3700	1300	30	
	1.0	3700	1300	45	
	1.5	3800	1400	75	
	1.75	3900	1450	80	



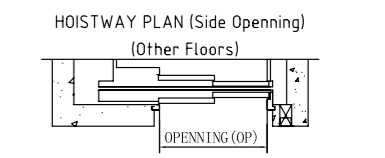
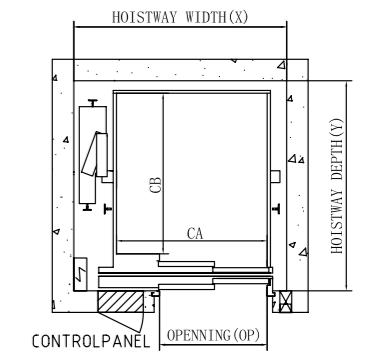
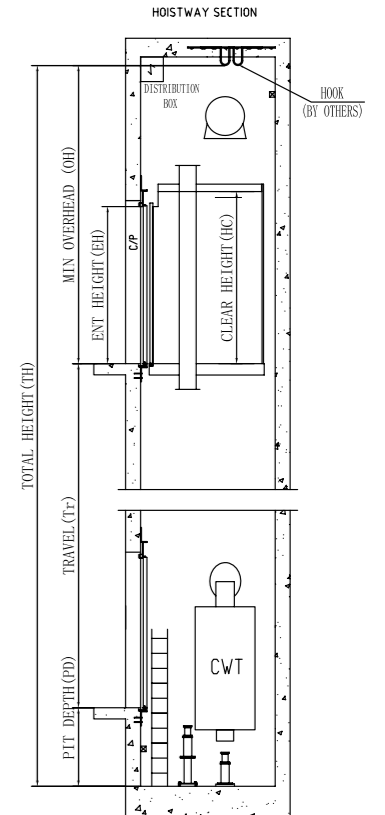
LOW-RISE MRL

SIDE COUNTER WEIGHT SIDE OPENING

MRL TECHNICAL DATA
(SIDE COUNTERWEIGHT - SIDE OPENING; 2:1)

Specifications		Speed (m/s)	Cabin Inside (mm) CAxCB	Clear Height HC (mm)	Max Clear Opening OP (mm)	Hoistway (mm) (XxY)
Capacity (kg)	Persons					
550	7	0.63	1150x1300	2300	900	1750x1700
		1.0				
		1.5				
630	8	0.63	1150x1400	2300	900	1850x1800
		1.0				
		1.5				
		1.75				
800	10	0.63	1400x1400	2300	1000	2100x1800
		1.0				
		1.5				
		1.75				
1000	13	0.63	1100x2100	2300	1000	1800x2500
		1.0				
		1.5				
		1.75				
1200	16	0.63	1300x2100	2300	1100	2000x2500
		1.0				
		1.5				
		1.75				

Specifications		Min. Overhead OH (mm)	Min. Pit PD (mm)	Max. Travel Tr (mm)	Remarks
Capacity (kg)	Speed (m/s)				
550	0.63	3700	1250	28	If decoration weight is greater than 200KG, increase pit depth 100mm for 1000KG capacity.
	1.0	3700	1250	45	
	1.5	3800	1350	65	
630-1200	0.63	3700	1300	30	
	1.0	3700	1300	45	
	1.5	3800	1400	75	
	1.75	3900	1450	80	



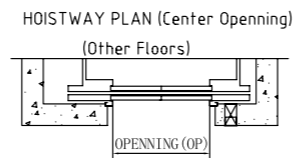
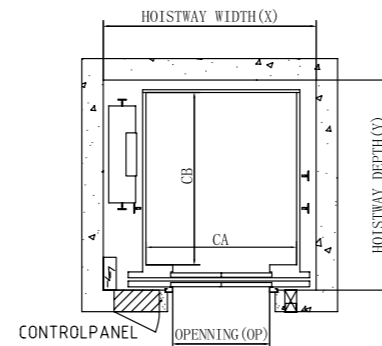
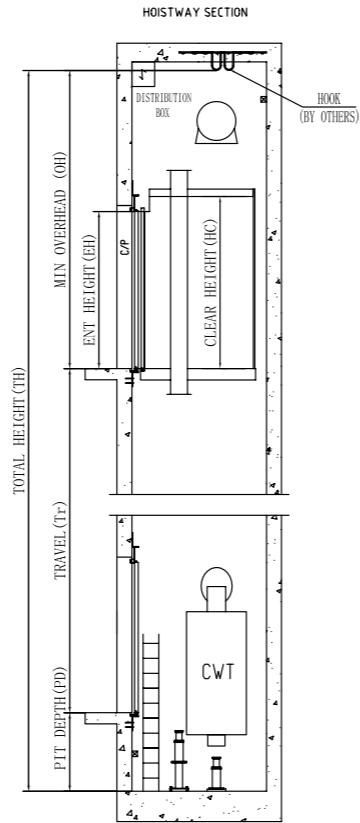
LOW-RISE MRL

SIDE COUNTER WEIGHT CENTER OPENING

MRL TECHNICAL DATA
(SIDE COUNTERWEIGHT - CENTER OPENING; 2:1)

Specifications		Speed (m/s)	Cabin Inside (mm) CAxCB	Clear Height HC (mm)	Max Clear Opening OP (mm)	Hoistway (mm) (XxY)
Capacity (kg)	Persons					
1350	18	0.63	1700x1800	2300	1000	2500x2150
		1.0				
		1.5				
		1.75				
1600	21	0.63	1800x1950	2300	1100	2600x2350
		1.0				
		1.5				
		1.75				
2000	26	0.63	2000x2100	2300	1200	2850x2500
		1.0				
		1.5				
		1.75				
2500	33	0.63	2200x2200	2300	1300	3200x2650
		1.0				
		1.5				
		1.75				

Specifications		Min. Overhead OH (mm)	Min. Pit PD (mm)	Max. Travel Tr (mm)
Capacity (kg)	Speed (m/s)			
1350-2000	0.63	3700	1400	30
	1.0	3700	1400	45
	1.5	3800	1550	75
	1.75	3900	1600	80
2500	0.63	3700	1600	30
	1.0	3700	1600	45
	1.5	3800	1750	75
	1.75	3900	1850	80



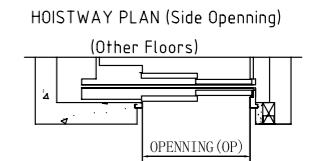
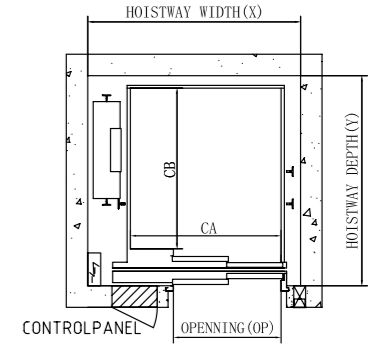
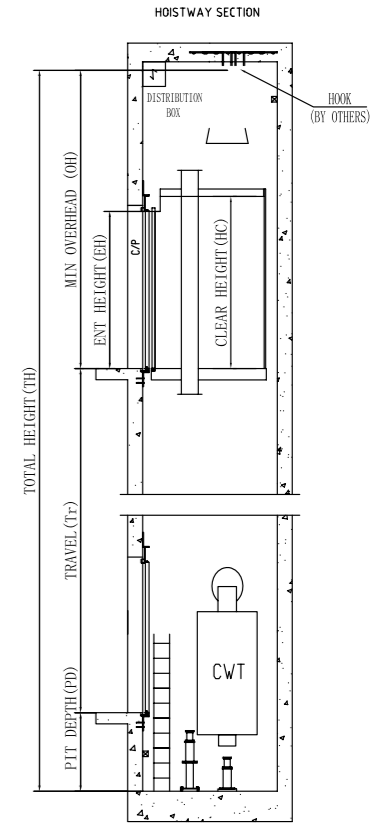
LOW-RISE MRL

SIDE COUNTER WEIGHT SIDE OPENING

MRL TECHNICAL DATA
(SIDE COUNTERWEIGHT - SIDE OPENING; 2:1)

Specifications		Speed (m/s)	Cabin Inside (mm) CAxCB	Clear Height HC (mm)	Max Clear Opening OP (mm)	Hoistway (mm) (XxY)
Capacity (kg)	Persons					
1350	18	0.63	1300x2350	2300	1200	2150x2800
		1.0				
		1.5				
		1.75				
1600	21	0.63	1450x2450	2300	1200	2300x2900
		1.0				
		1.5				
		1.75				
2000	26	0.63	1650x2500	2300	1300	2500x3000
		1.0				
		1.5				
		1.75				
2500	33	0.63	2000x2500	2300	1500	3000x3000
		1.0				
		1.5				
		1.75				

Specifications		Min. Overhead OH (mm)	Min. Pit PD (mm)	Max. Travel Tr (mm)
Capacity (kg)	Speed (m/s)			
1350-2000	0.63	3700	1400	30
	1.0	3700	1400	45
	1.5	3800	1550	75
	1.75	3900	1600	80
2500	0.63	3700	1600	30
	1.0	3700	1600	45
	1.5	3800	1750	75
	1.75	3900	1850	80

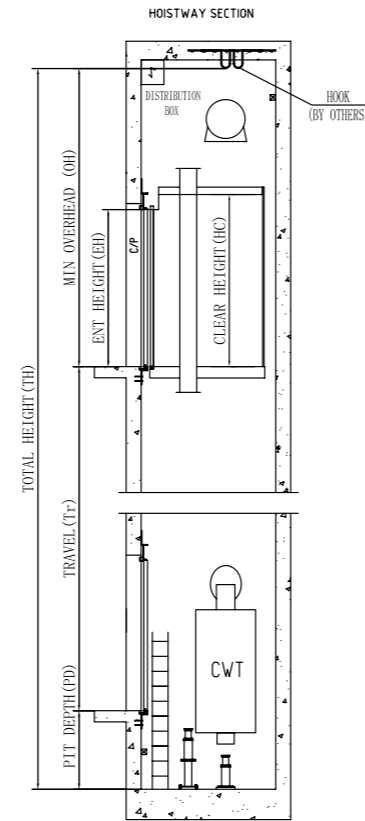


MID-RISE MRL

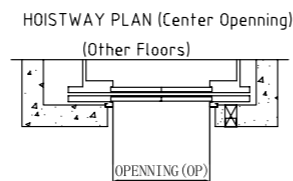
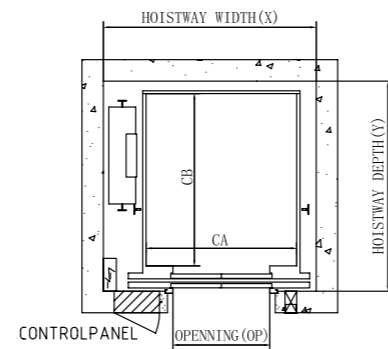
SIDE COUNTER WEIGHT CENTER OPENING

MRL TECHNICAL DATA
(SIDE COUNTERWEIGHT - CENTER OPENING; 2:1)

Specifications		Speed (m/s)	Cabin Inside (mm) CAxCB	Clear Height HC (mm)	Max Clear Opening OP (mm)	Hoistway (mm) (XxY)
Capacity (kg)	Persons					
800	10	2.0	1400x1400	2500	900	2300x1950
		2.5				
1000	13	2.0	1550x1500	2500	900	2500x2050
		2.5				
1200	16	2.0	1650x1650	2500	1000	2600x2200
		2.5				
1350	18	2.0	1700x1800	2500	1000	2700x2350
		2.5				
1600	21	2.0	1800x1950	2500	1100	2800x2550
		2.5				
2000	26	2.0	2000x2100	2500	1200	3000x2700
		2.5				



Specifications	Speed (m/s)	Min. Overhead OH (mm)	Min. Pit PD (mm)	Max. Travel Tr (mm)
Capacity (kg)				
800-2000	2.0	4400	2000	90
	2.5	4600	2200	112

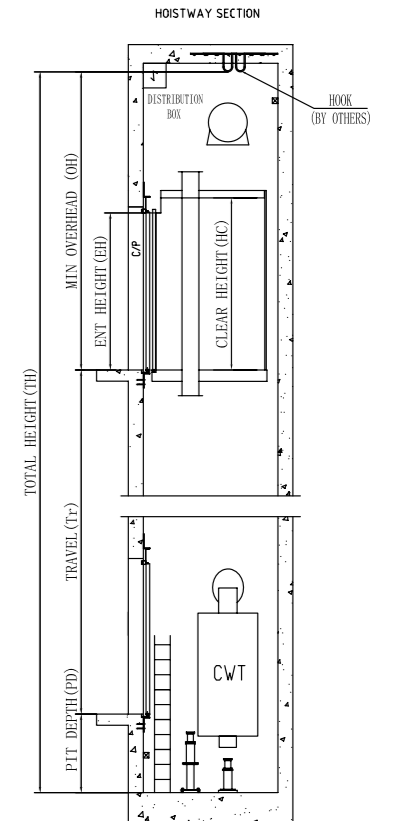


MID-RISE MRL

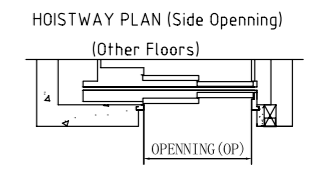
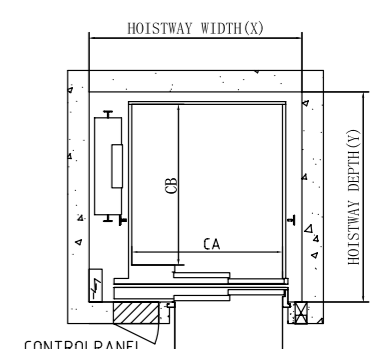
SIDE COUNTER WEIGHT SIDE OPENING

MRL TECHNICAL DATA
(SIDE COUNTERWEIGHT - SIDE OPENING; 2:1)

Specifications		Speed (m/s)	Cabin Inside (mm) CAxCB	Clear Height HC (mm)	Max Clear Opening OP (mm)	Hoistway (mm) (XxY)
Capacity (kg)	Persons					
800	10	2.0	1400x1400	2500	1000	2300x2000
		2.5				
1000	13	2.0	1100x2100	2500	1000	2050x2700
		2.5				
1200	16	2.0	1300x2100	2500	1100	2250x2700
		2.5				
1350	18	2.0	1300x2350	2500	1200	2300x3000
		2.5				
1600	21	2.0	1500x2350	2500	1200	2500x3000
		2.5				
2000	26	2.0	1750x2350	2500	1300	2750x3000
		2.5				



Specifications	Speed (m/s)	Min. Overhead OH (mm)	Min. Pit PD (mm)	Max. Travel Tr (mm)
Capacity (kg)				
800-2000	2.0	4400	2000	90
	2.5	4600	2200	112



MR ELEVATOR SERIES

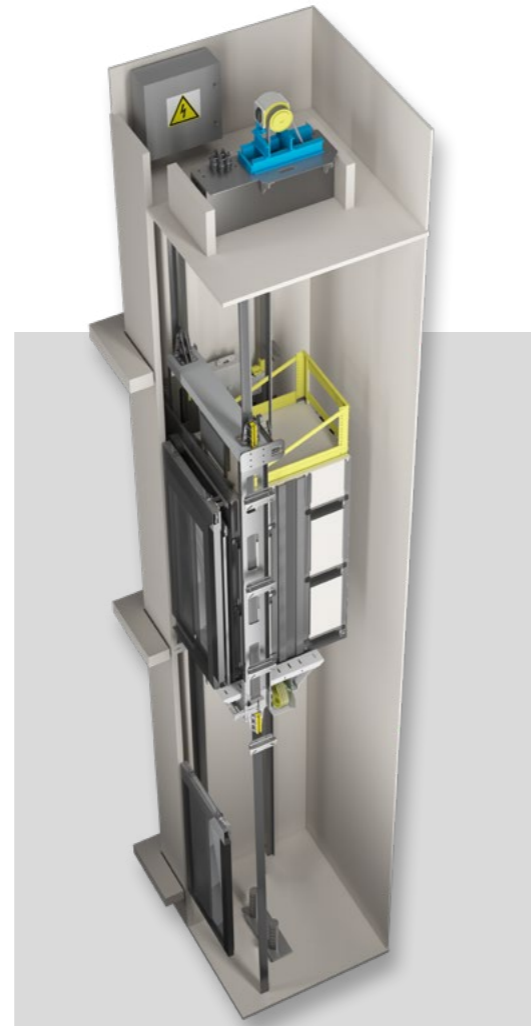
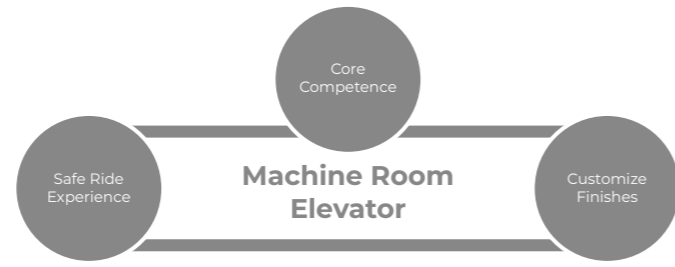
Elzalift machine room elevator is the combination of technology and efficiency. Elzalift installs remarkable projects and build the city with innovation all over the world, include commercial, residential, public and different kind of constructions. With the sophisticated technology and high-level safety, Elzalift machineroom elevator moves up with value and quality.

Machine Room Elevator Core Competence

The traction system and the control system are the heart and brain of the elevator. Therefore, Elzalift has its self-developed and control systems. Utilizing more than a century development, Elzalift's traction and control system technology has been proven internationally. From gear to ACPM machine, regular control to the integrated control system, Elzalift optimizes the space, energy efficiency, safety and comfort.

ACPM Traction System

With light and compact traction system, the Elzalift ACPM traction system can increase energy efficiency and reduce the machine room space. The encoder records the run with high transmission efficiency and low operation cost. The system provides smooth and comfortable experience. From the design to production, Elzalift's traction system embodies decades of research and technical achievements.



CORE COMPETENCE QUALITY

Compact control cabinet, space-wise design

Control System

- Compact Integrated control system improves efficiency and saves space
- S-curve technology for direct stopping, ensure ride comfort and leveling accuracy
- Real-time management, easy building adjustment
- Support 220VAC power input with UPS emergency backup after power failure
- Redundant safety design, high-level of safety guarantee

Ultra-Thin Door Operator

Unique ACPM door motor with fault detection and record, which provides safe, quiet and high-efficiency. It reduces energy up to 35%. The speed and power can be adjusted. The built-in run curve optimizes the self-learn. The full closed-loop controls the speed and the position software, which provides high accuracy.

Energy Reduce Up to
35% ↓



CORE COMPETENCE QUALITY

Safe Ride Experience

Our innovation and technology build upon safety and environmental-friendly. Our goal is to provide comprehensive safe riding experience.

Unintended Car Movement Protection (UCMP)

When the elevator is moving accidentally at the leveling with the door open, the UCMP device would automatically function. The elevator would immediately stop to protect the passenger and devices.



Door Protection

When the elevator is not at the leveling, the door protection locks the entrance door. It prevents passenger fall into the hoistway and ensure safety.



SAFE RIDE EXPERIENCE



Nioe System

- Base from IIoT, big data analytics and data encryption
- Adopt B/S structure, communicate with ease with a PC, cell phone or tablet
- Provide buffer and backup service for database and relational database
- Real-time monitoring, car visual monitoring and car alarm vocal conversation
- Safety management and preventive maintenance

Remote Control

- Monitoring on elevator operation, failure and alarm status
- Remote visual control on cabin
- Voice communication from VOIP and public telephone net
- Transfer monitoring data to government control platform

Data Analysis

- Store elevator historical alarming and events
- Historical data analysis and intelligent analysis, provide basic management for preventive/ predictive maintenance

Management

- Management on regular repair, maintenance and malfunction
- Management on operation statistic data and preventive maintenance
- Management on after-sale service and technical support



PRODUCT RANGE

Machine Room Elevator Product Range	
Capacity	630kg-2000kg
Speed	1.0m/s-1.75m/s 2.0m/s-2.5m/s
Traction System	ACPM Machine
Control System	N-MC1000-VVVF
Door Operator	Ultra-thin ACPM Door Operator

MR HOISTWAY DIAGRAM



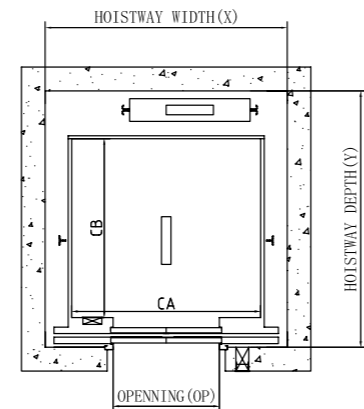
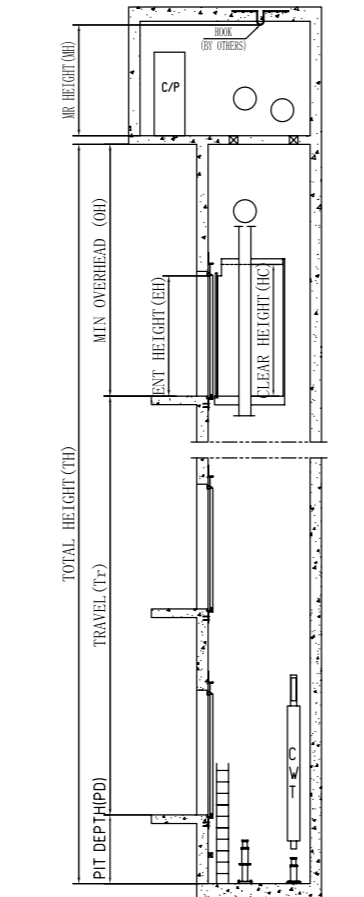
LOW-RISE MR

REAR COUNTER WEIGHT CENTER OPENING

MR Specifications (Rear Counterweight – Center Opening; 2:1)

Specifications		Speed (m/s)	Cabin Inside (mm) CAxCB	Opening (mm)	Hoistway (mm) (XxY)
Capacity (kg)	Persons				
630	8	1.0/1.5/1.75	1400x1150	800	1800x1800
800	10	1.0/1.5/1.75	1400x1400	800	1800x2050
1000	13	1.0/1.5/1.75	1600x1500	900	2000x2150
1200	16	1.0/1.5/1.75	1800x1500	1100	2400x2150
1350	18	1.0/1.5/1.75	2000x1550	1100	2550x2250

Specifications	Speed (m/s)	Min. Overhead OH (mm)	Min. Pit PD (mm)	MR Height MH (mm)
Capacity (kg)				
630~1000	1.0	4200	1400	2500
	1.5	4300	1600	
	1.75	4300	1700	
1200~1350	1.0	4200	1400	2500
	1.5	4500	1600	
	1.75	4600	1700	



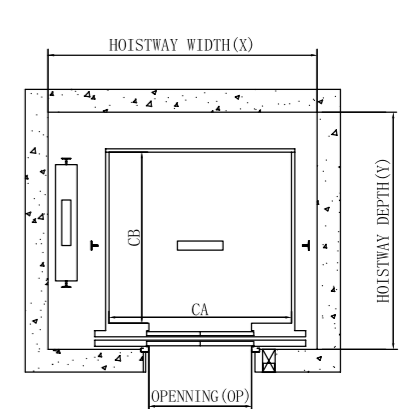
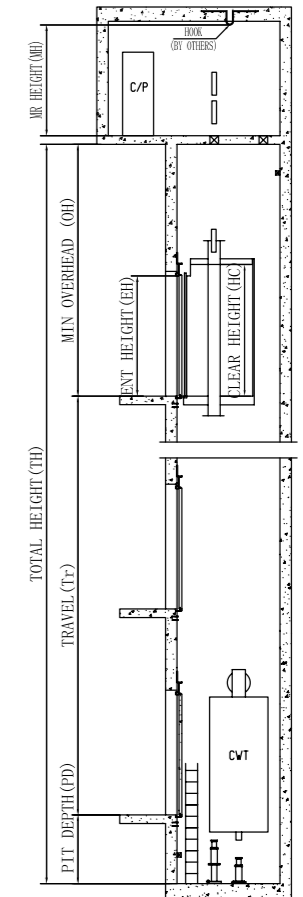
LOW-RISE MR

SIDE COUNTER WEIGHT CENTER OPENING

MR Specifications (Side Counterweight - Center Opening ; 2:1)

Specifications		Speed (m/s)	Cabin Inside (mm) CAxCB	Opening (mm)	Hoistway (mm) (XxY)
Capacity (kg)	Persons				
1600	21	1.0/1.5/1.75	2000x1750	1100	2750x2500
2000	26	1.0/1.5/1.75	2000x2100	1200	2950x2600

Specifications	Speed (m/s)	Min. Overhead OH (mm)	Min. Pit PD (mm)	MR Height MH (mm)
Capacity (kg)				
1600~2000	1.0	4300	1400	2500
	1.5	4500	1600	
	1.75	4600	1700	



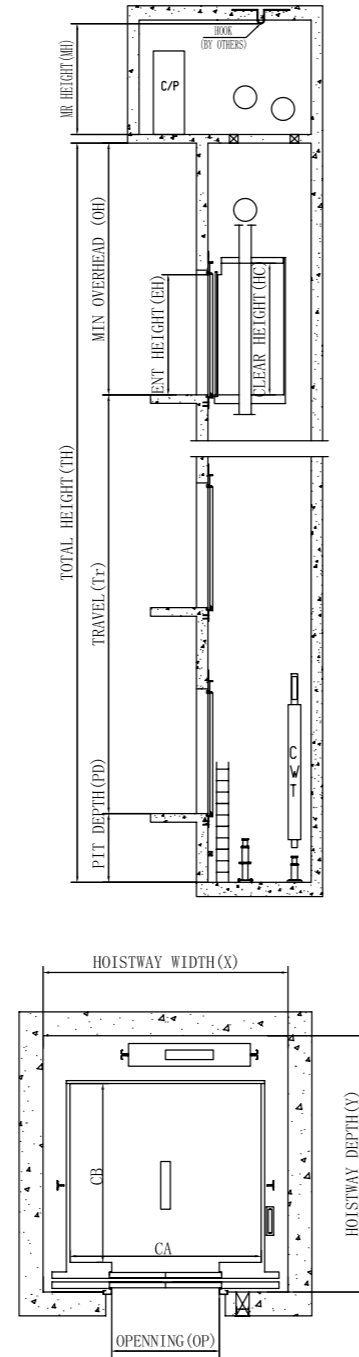
MID-RISE MR

REAR COUNTER WEIGHT CENTER OPENING

MR Specifications (Rear Counterweight – Center Opening; 2:1)

Specifications		Speed (m/s)	Cabin Inside (mm) CAxCB	Opening (mm)	Hoistway (mm) (XxY)
Capacity (kg)	Persons				
630	8	2.0/2.5	1400x1150	800	1850x1850
800	10	2.0/2.5	1400x1350	800	2000x2000
1000	13	2.0/2.5	1600x1500	900	2100x2200
1200	16	2.0/2.5	1800x1500	1100	2500x2200
1350	18	2.0/2.5	2000x1550	1100	2500x2300

Specifications	Speed (m/s)	Min. Overhead OH (mm)	Min. Pit PD (mm)	MR Height MH (mm)
Capacity (kg)				
630~1350	2.0	4500	2100	2500
	2.5	5000	2400	



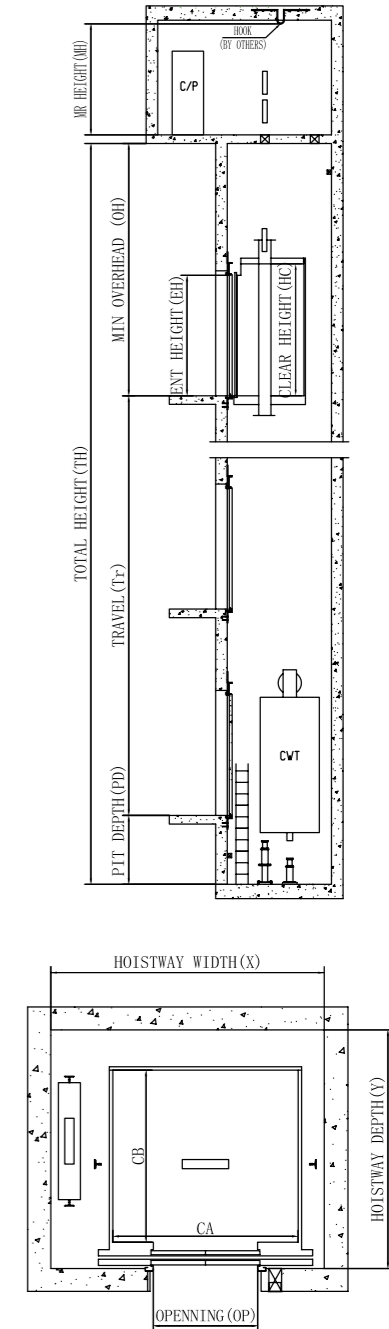
MID-RISE MR

SIDE COUNTER WEIGHT CENTER OPENING

MR Specifications (Side Counterweight- Center Opening; 2:1)

Specifications		Speed (m/s)	Cabin Inside (mm) CAxCB	Opening (mm)	Hoistway (mm) (XxY)
Capacity (kg)	Persons				
1600	21	2.0/2.5	2000x1750	1100	2750x2500
2000	26	2.0/2.5	2000x2100	1200	2900x2900

Specifications	Speed (m/s)	Min. Overhead OH (mm)	Min. Pit PD (mm)	MR Height MH (mm)
Capacity (kg)				
1600~2000	2.0	4800	2100	2500
	2.5	5000	2400	



ELZALIFT

HIGH-SPEED ELEVATOR SERIES

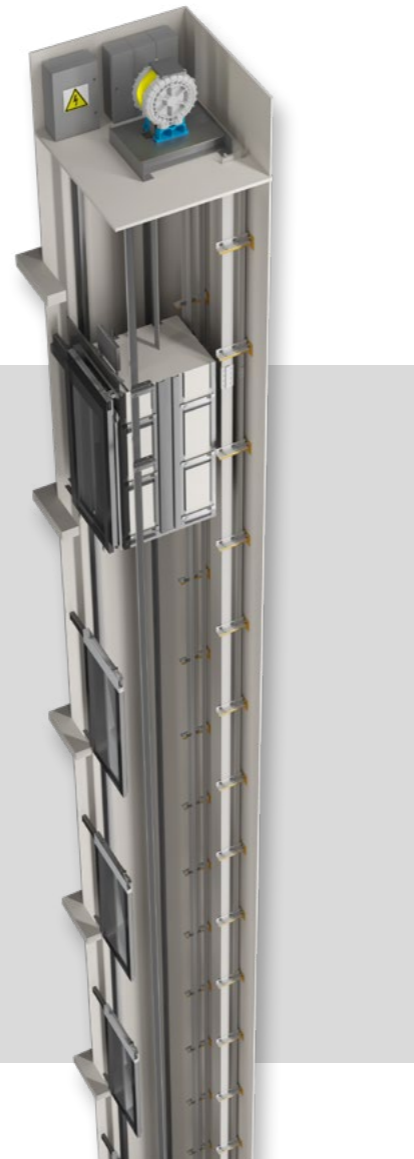
City life and urban living is becoming the trend of the 21st century. When working and living in skyscrapers are becoming part of our life, elevator increases efficiency of our life. Elzalfit's high-speed elevator is designed base on time-saving, traffic management and safety. We build our quality upon innovation.

High-Speed Traction System

Renowned for the motor and technology around the globe, Elzalfit's ACPM traction system structure is specially designed for high-speed series. The outboard bearing structure enforces the safety factor of the sheave and brake and prevent displacement. We use the spherical roller bearing for high load capacity. Elzalfit high-speed traction systems are serving worldwide with our field-proven technology up to 10m/s.

High-Speed Control System

Elzalfit design the most comprehensive control system for high-speed elevators. The safe and comfort ride can be up to 10m/s with 10 car group control. We develop the Feed-Forward Torque which activated by the system inertia. It provides excellent dynamic tracking response to aggressive profiles and demanding floor-to-floor time requirements. With the S-curve and pre-torque generation, our high-speed control provides comfortable, efficient and safe ride.





Landing System

Elzlift Elevator provides landing system with Unintended Car Movement Protection (UCMP) detection, and it built-in with reliable safety features:

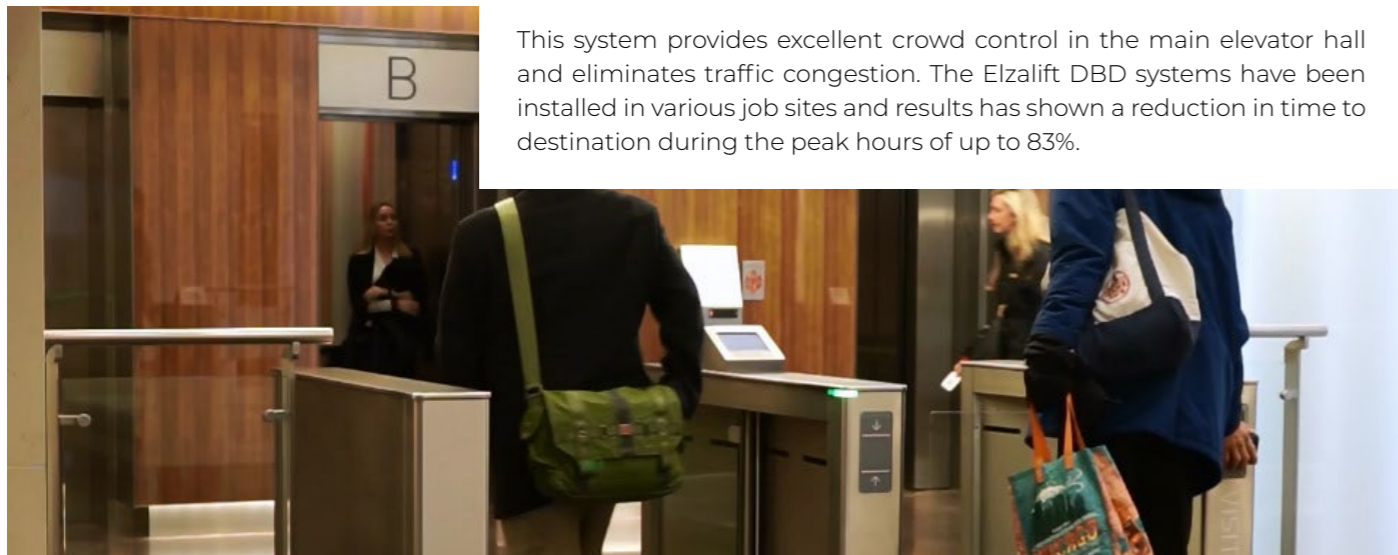
- Magnet encoding tape for absolute floor encoding
- Eliminate all terminal switches (except final limits)
- Emergency terminal speed limiting function for reduce stoke buffer
- Build in pre-opening
- Absolute and redundant detection of the car position with millimeter perfection

Smart Traffic Management System - DBD

High-speed elevators often installs in high-rise buildings. The Destination Based Dispatching System (DBD) manages the elevator group control in a smart and intelligent way. It perfectly manage the interval, handling capacity and nominal travel time. Our DBD system has been widely install in commercial, public and other different type of buildings.

The DBD system helps to dispatch the elevators by the group dispatcher-iCue. It calculates 60,000 units per second. iCue computes the floor request, passengers, current traffic condition and other factors concurrently and dispatch accordingly. It speed up the efficiency of highspeed elevator group control. When the designated floor is inputted, the system will dispatch the designated car that arrives in the shortest period of time. It can be configured as a lobby boost or full-source-to-destination option.

This system provides excellent crowd control in the main elevator hall and eliminates traffic congestion. The Elzlift DBD systems have been installed in various job sites and results has shown a reduction in time to destination during the peak hours of up to 83%.



iMonitoring System

Elzlift provides iMonitoring system to monitor all aspects of elevator function and operation status. It generates reports and notifications to users. It provides local and remote real-time monitoring for multiple buildings across a campus or multiple sites across a country.

Real-time connectivity provides immediate feedback by using graphical space presentations. The monitoring system can monitor multiple car groups, as well as monitoring the hoistway. Each control set has over 50 Ethernet access. When the connection set is open, the monitoring application establishes connection with every group and displays them on an overview screen. With iMonitoring system, the high-speed elevators can be more safe and controllable.



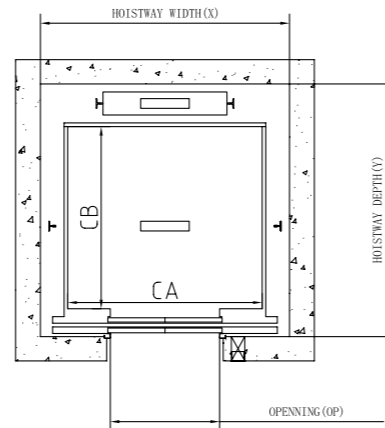
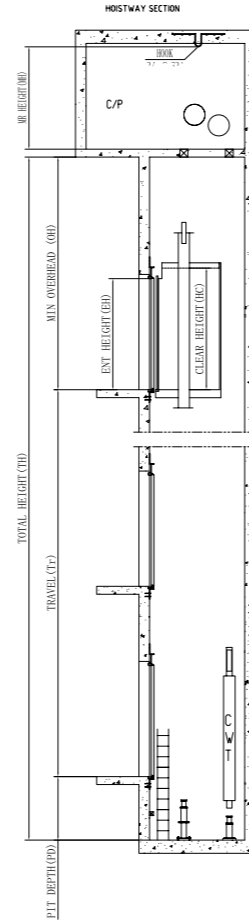
HIGH SPEED HOISTWAY DIAGRAM



HIGH SPEED - N6000

REAR COUNTER WEIGHT CENTER OPENING 2:1

Specifications		Speed (m/s)	Cabin Inside (mm) CAxCB	Max Clear Opening OP (mm)	Hoistway (mm) (XxY)	Min. Overhead OH (mm)	Min. Pit PD (mm)	MR Height KG Persons MH (mm)
Capacity (kg)	Persons							
1000	13	3.0	1600x1500	900	2200x2400	5900	3400	2500
		3.5				6200	3600	
		4.0				6300	3700	
1200	16	3.0	1800x1500	1100	2400x2400	5900	3400	2500
		3.5				6200	3600	
		4.0				6300	3700	
1350	18	3.0	2000x1550	1100	2600x2450	5900	3400	2500
		3.5				6200	3600	
		4.0				6300	3700	
1600	21	3.0	2100x1650	1100	2700x2550	5900	3400	2500
		3.5				6200	3600	
		4.0				6300	3700	
2000	26	3.0	2200x1900	1200	2800x2800	5900	3400	2500
		3.5				6200	3600	
		4.0				6300	3700	

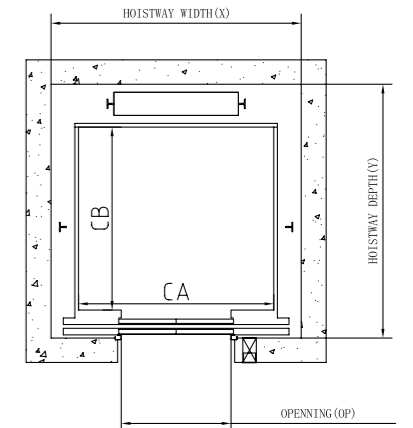
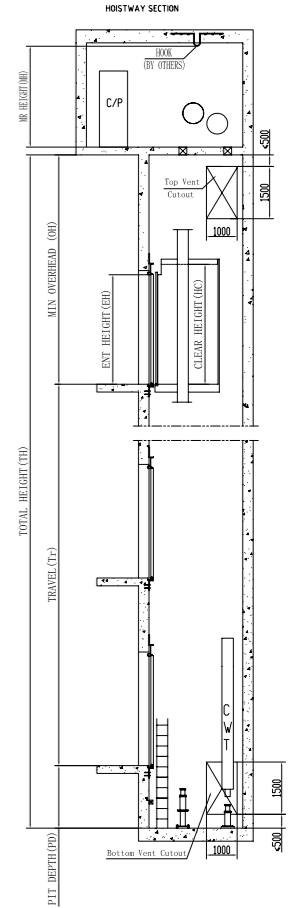


HIGH SPEED - N8000

SIDE COUNTER WEIGHT CENTER OPENING 1:1



Specifications		Speed (m/s)	Cabin Inside (mm) CAxCB	Max Clear Opening OP (mm)	Hoistway (mm) (XxY)	Min. Overhead OH (mm)	Min. Pit PD (mm)	MR Height KG Persons MH (mm)
Capacity (kg)	Persons							
1000	13	5.0	1600x1500	900	2300x2500	6800	4600	3000
		6.0				7200	4800	
1200	16	5.0	1800x1500	1100	2500x2500	6800	4600	3000
		6.0				7200	4800	
1350	18	5.0	2000x1550	1100	2700x2550	6800	4600	3000
		6.0				7200	4800	
		7.0				7800	5100	
1600	21	5.0	2100x1650	1100	2800x2650	6800	4600	3000
		6.0				7200	4800	
		7.0				7800	5100	
2000	26	5.0	2200x1900	1200	2900x2900	6800	4600	3000
		6.0				7200	4800	
		7.0				7800	5100	



ELZALIFT ESCALATOR

Engineered for comfort, safety and energy efficiency, Elzalift escalators provide truly reliable and efficient transport systems that represent a new level of riding comfort for passengers worldwide. Together with a comprehensive range of quality elevators, these modern escalators will form integrated vertical transport systems that will enhance both the appearance and operation of any building or infra-structural development.

Dedication and Professionalism

Elzalift is a highly specialized company dedicated solely to the design and manufacture of escalator systems. It is this specialization that has honed our expertise in the field, and allowed us to focus on our aim of providing the highest quality of product and service to our clients.

Design, material control and production at Elzalift are all executed with the aid of our highly advanced computer aided design and manufacturing systems, exclusively developed by Elzalift to ensure rapid response times in design and manufacture. The Elzalift design team consists of highly skilled and experienced engineers, backed by an experienced and dedicated workforce who take exceptional pride in their product and work. These resources maintains Elzalift's position at the forefront of technology and innovation in escalator systems.

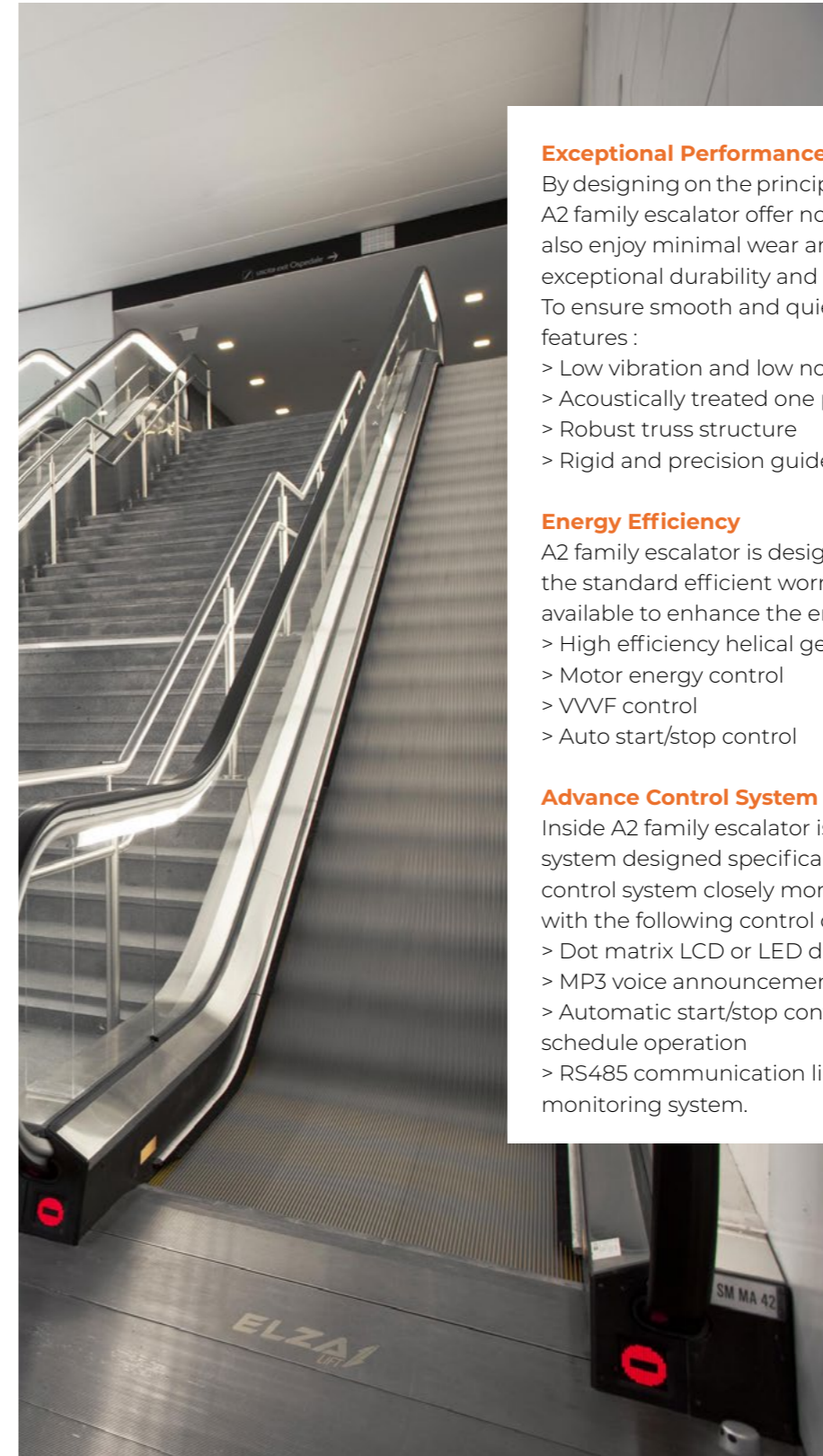
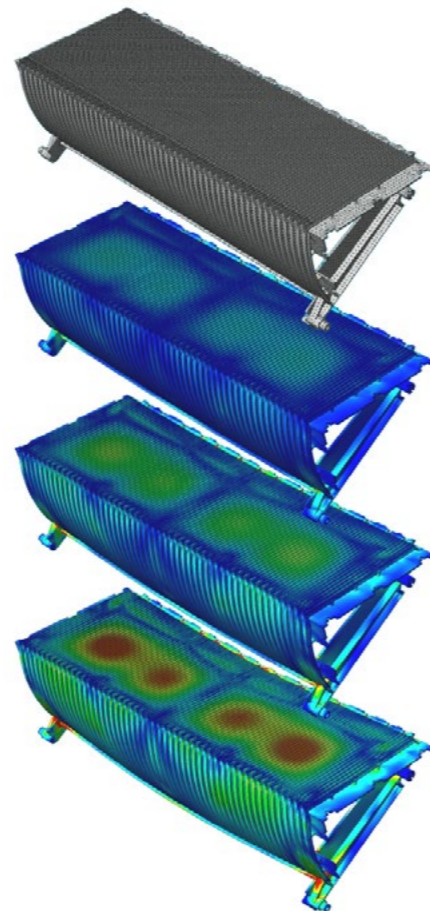
Built-in Quality

The manufacturing process at Elzalift is based on our understanding that the quality of a product is only as good as the materials and components from which it is made. As such, we use only the highest quality materials and components, which comply with relevant manufacturing standards and are subject to continuous and highly stringent incoming inspection procedures. This philosophy ensures that quality is automatically built into each Elzalift escalator from start to finish of manufacture.

"Total Support" Service

Elzalift demands the same quality and attention to detail in after sales care from its partners worldwide as Elzalift itself puts into design and manufacture. Elzalift's partners are all trained at our factories, and only after they have satisfied Elzalift's stringent technical and commercial requirements all local regulatory criteria are they allowed to represent Elzalift's "Total support" service.

Elzalift has distributor in most Asian, European, and Middle Eastern countries, and has associated companies in the Australia, United Kingdom and Hong Kong. It is this level of quality product and service that makes Elzalift truly dependable.



Exceptional Performance

By designing on the principles of minimal friction, vibration and noise, A2 family escalator offer not only superbly smooth and quiet ride, but also enjoy minimal wear and fatigue, high efficiency and offer exceptional durability and minimal maintenance requirements. To ensure smooth and quiet operation, Elzalift A2 family escalator features :

- > Low vibration and low noise motor and gear drive
- > Acoustically treated one piece die-cast aluminum steps
- > Robust truss structure
- > Rigid and precision guide rails

Energy Efficiency

A2 family escalator is designed for efficient operation. In addition to the standard efficient worm gear drive, numerous optional are available to enhance the energy efficiency :

- > High efficiency helical gear drive
- > Motor energy control
- > VVVF control
- > Auto start/stop control

Advance Control System

Inside A2 family escalator is an advance ADV microprocessor control system designed specifically for escalator application. The ADV control system closely monitors and controls the escalator operation with the following control capability :

- > Dot matrix LCD or LED display
- > MP3 voice announcement
- > Automatic start/stop control with passenger detection and time schedule operation
- > RS485 communication link for interface to BMS or remote monitoring system.

Engineered fo Everywhere

Elzalift A2 family of escalators are designed and manufactured to cover all commercial, industrial and public transport applications. With a wide range of finishes and materials available for each type, the A2 family providing a flexible selection of escalator arrangements that will match and enhance any setting, interior or exterior.

Elzalift A2 family escalators are available in three types : A2C standard, A2S slim-line and A2T Heavy duty.

A2C - Classic Type

Glass panel balustrade, natural anodized aluminum handrail guide frame with optional lighting.



A2S - Slimline Type

Glass panel balustrade, with extra slim handrail guide frame, the A2S perfectly matches elegant environment such as shopping malls and commercial buildings.



A2T - Public Transport Type

Stainless steel panel balustrade. The robust construction make it best suited the public transport systems.

Engineered fo Perform

Some key standard features of Elzalift A2 family of escalator :

Truss

The truss of the A2 family of escalator is of welded structural steel construction designed to carry safely the passenger and mechanism loadings. To prevent hidden corrosion, all load bearing members of the truss comprises of open steel profile.

Step

The step is made of one piece die-cast aluminum alloy with closely spaced cleats designed to provide a secure foothold. Yellow color plastic step demarcation lines are fitted on the sides and rear of each step. Sound deadening material is coated at the back of the steps for quiet operation.

Handrail

The handrail is a continuous band design manufactured of vulcanized rubber, factory spliced, with a multi-ply fabric core and steel cord reinforcement. The rubber composition used ensures that the handrail surface remains smooth and intact throughout its entire service life. The internal gliding surface has nylon webbing to minimize friction and wear.

Technical Specification Overviews

Step Width (mm)	600	800	1000
Capacity (persons/hour)	4500	6750	9000
Speed (m/s)	0.5 (0.75 max.)		
Inclination Angle	30 / 35		
Maximum Rise (mm)	27200 (30deg) / 6000 (35deg)		
Power Supply	AC 3-phase, 50 or 60Hz		
Lighting Supply	AC single phase, 50 or 60Hz		



Drive Machine

The motor is a three phase squirrel cage AC induction motor specifically developed for escalator service. The gear unit is worm gear type composed of precision steel worm and bronze worm gear. Gears and bearings are lubricated by an oil bath inside an oil tight housing. The reduction gear unit is connected to the step band main drive shaft by a duplex roller chain.

Brake

The brake is designed to automatic stop the escalator whenever power is interrupted. To minimize wear and harsh braking, the control system monitors the speed of the step band and applies the brake only when it come to a complete stop.

Safety is Paramount

Ensuring every passenger rides safely is a big responsibility, we at Elzalift are doing our utmost to make the safest escalators with full compliance with major international standards and relevant national code. The A2 range escalator is equipped with the following safety features :

Safety Code	ANSI	AS	CSA	EN/BS
Auxiliary brake	✓	✓	✓	✓
Brake release sensing device	✓	✓	✓	✓
Broken drive chain safety device	✓	✓	✓	✓
Broken handrail safety device	□	□	□	□
Broken step chain safety device	✓	✓	✓	✓
Comb obstruction device	✓	✓	✓	✓
Electric circuit protection device	✓	✓	✓	✓
Electro-mechanical brake	✓	✓	✓	✓
Emergency stop button	✓	✓	✓	✓
Exit door / fire shutter interlock	□	□	□	□
Handrail newel entry guard	✓	✓	✓	✓
Handrail speed monitor device	✓	✓	✓	□
Overspeed protection device	✓	✓	✓	✓
Phase failure & reversal protection	✓	✓	✓	✓
Reversal travel protection device	✓	✓	✓	✓
Skirt dress guard is standard for EN/BS.	□	□	□	□
Skirt obstruction device	✓	✓	✓	✓
Step demarcation light	✓	✓	✓	✓
Step demarcation line	✓	✓	✓	✓
Step sag safety device	✓	✓	✓	✓
Tandem operation interlock	□	□	□	□

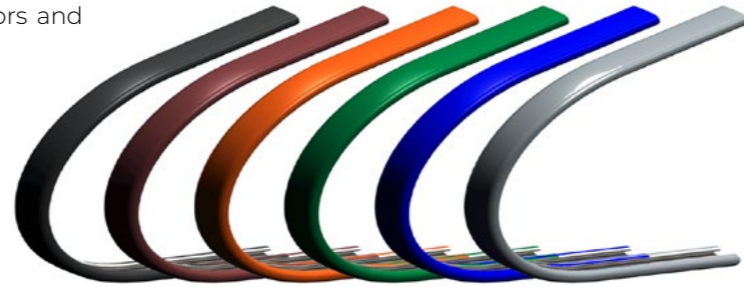
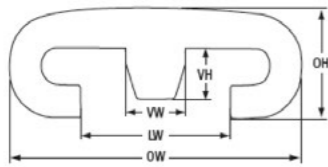
✓ Standard offer ✓ Offer as per code □ Optional

ELZALIFT
ESCALATOR

Handrail

EHC endless handrail would be used, handrail vulcanize at EHC factory by professional technician, joint's quality guaranteed. Handrail no need to vulcanize at site by local staff. V shape wedge handrails would be used for high rise escalators and moving way.

Cross Section



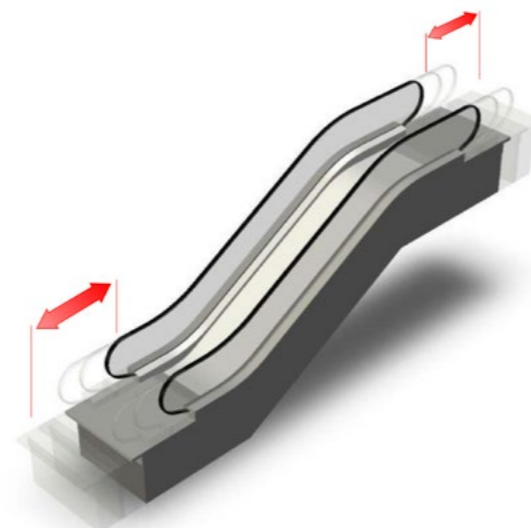
Non-Standard Angel

Non-standard angle from 12° - 35° for escalator



Truss (pit) Extension

Tailor made extended truss to fit existing supports.



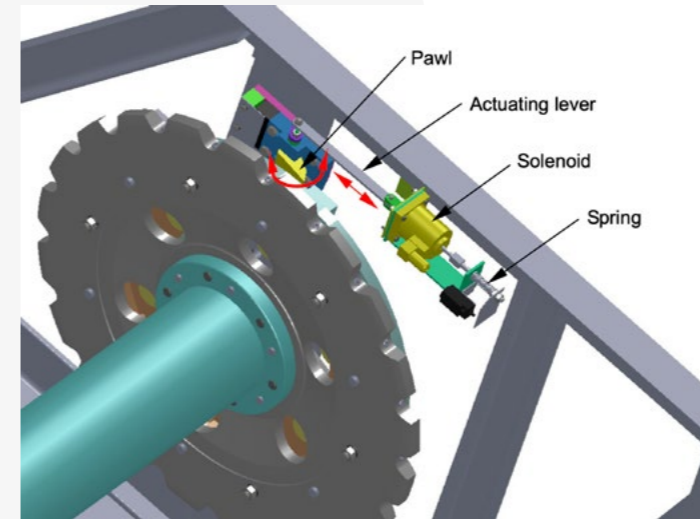
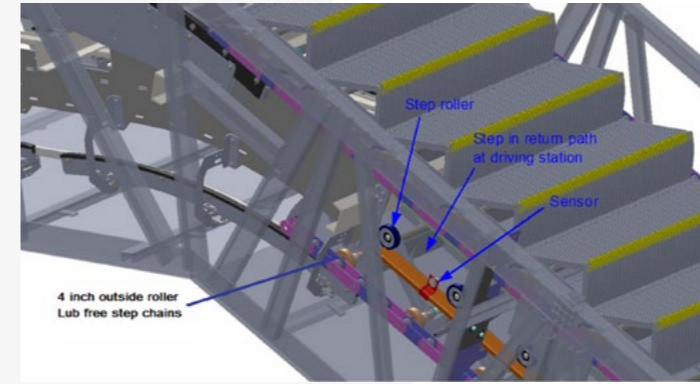
Non-Reversal Device

3 proximity sensors to sense the speed and direction of the steps measured real time speed and direction without delay. Escalator would be stopped if over speed or runs in reverse direction.

Auxiliary Brake

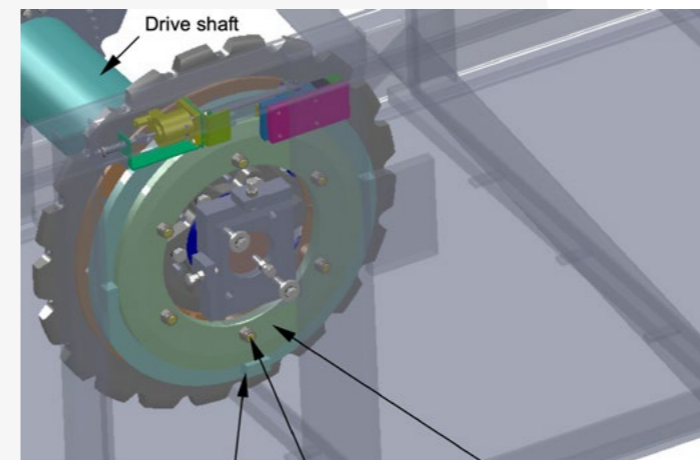
Braking if the main drive chain is broken
 Over speed (activated not exceed 140%)
 Un-intended reversal of the moving steps
 Electricity break down

Traditional design – 4 or 8 ratchet tooth
 Anlev own design – multi ratchet tooth
 Quick response to stop the escalator, safe design



Traditional Design

Elzalift

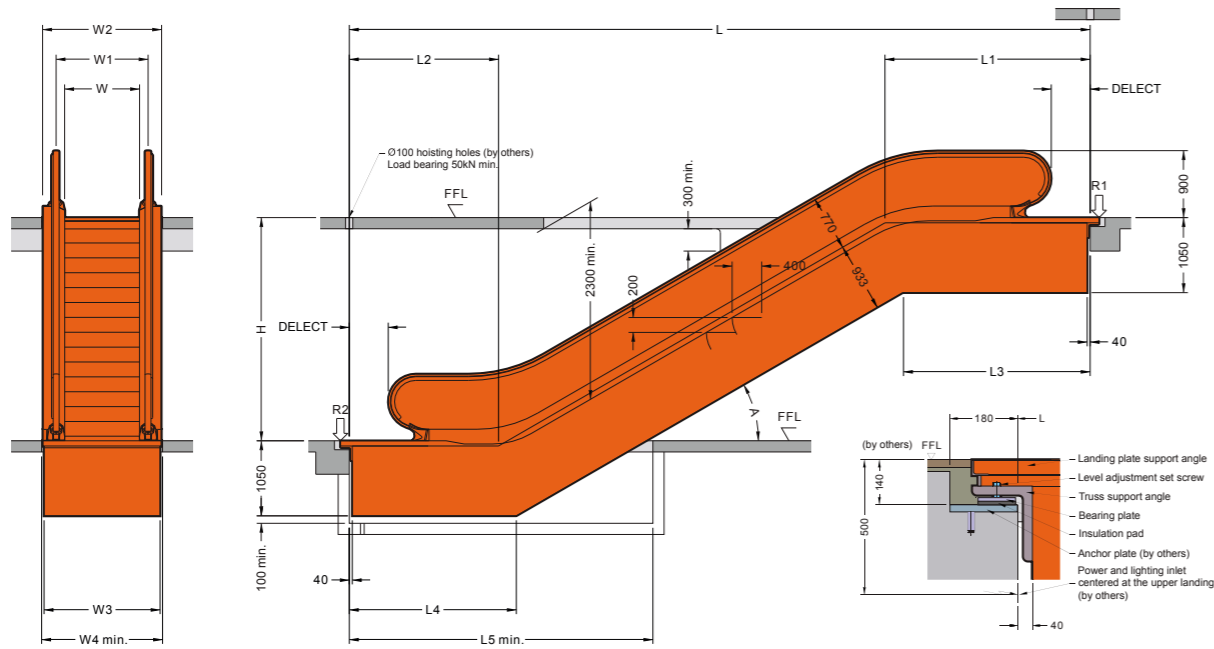


Step Chains

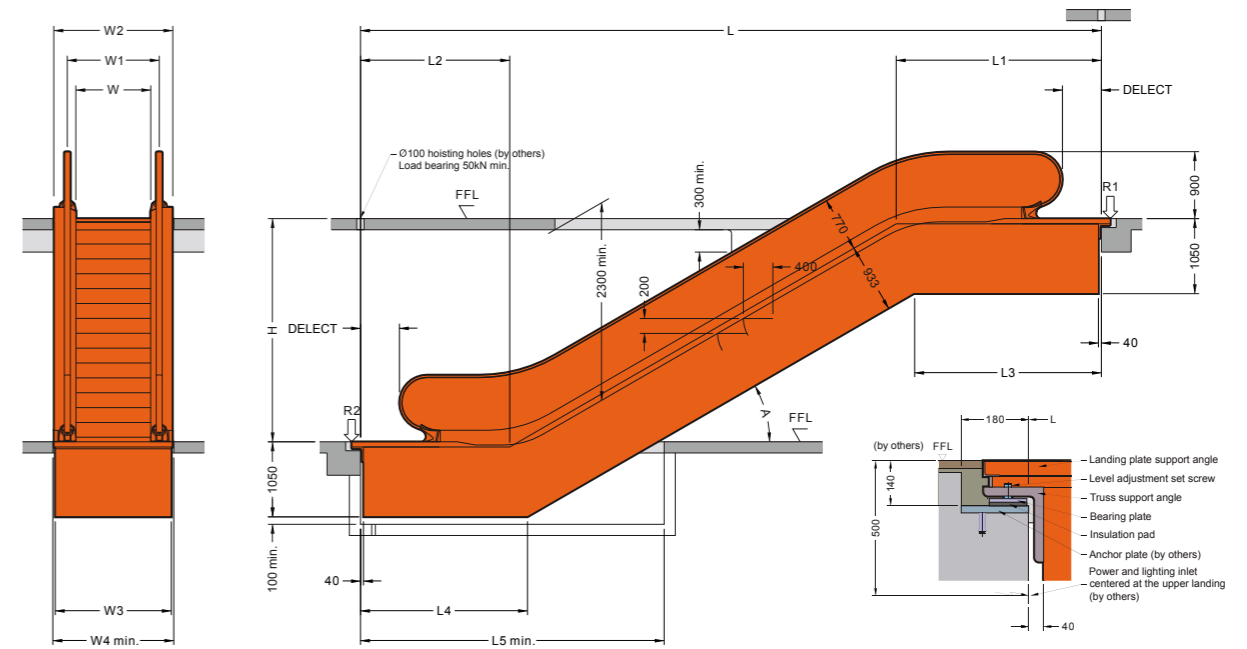
Inside rollers step chains, tensile strength = 220KN
 Outside rollers step chains, tensile strength = 260 - 400KN



ELZALIFT
ESCALATOR A2C



ELZALIFT
ESCALATOR A2S



Model	A2C-3088	A2C-30CC	A2C-3588	A2C-35CC
Angle - A	30	30	35	35
Flat step	2	3	2	3
Rise - H	1100 - 6000	1100 - 27200	1250 - 6000	1250 - 6000
L	1.732H + 4788	1.732H + 5592	1.428H + 4906	1.428H + 5710
L1	2768	3170	2787	3189
L2	2020	2422	2119	2521
L3	2582	2984	2545	2947
L4	2206	2608	2361	2763
L5	4124	4526	3948	4350

Step Width - W	1000	800	600
W1	1235	1039	843
W2	1572	1376	1180
W3	1540	1344	1148
W4	1600	1404	1208

W	Model	A2C-3088	A2C-30CC	A2C-3588	A2C-35CC
1000	Weight (kN)	0.008H + 46	0.008H + 50	0.007H + 46	0.007H + 50
	R1 (kN)*2	0.0083H + 39	0.0083H + 43	0.0071H + 39	0.0071H + 43
	R2(kN)*2	0.0083H + 31	0.0083H + 35	0.0071H + 31	0.0071H + 35
800	Weight (kN)	0.008H + 38	0.008H + 42	0.007H + 37	0.007H + 41
	R1 (kN)*2	0.0075H + 32	0.0075H + 36	0.0064H + 32	0.0064H + 36
	R2(kN)*2	0.0075H + 24	0.0075H + 28	0.0064H + 24	0.0064H + 28
600	Weight (kN)	0.008H + 34	0.008H + 38	0.007H + 33	0.007H + 37
	R1 (kN)*2	0.0066H + 28	0.0066H + 31	0.0056H + 28	0.0056H + 31
	R2(kN)*2	0.0066H + 20	0.0066H + 23	0.0056H + 20	0.0056H + 23

Note :
 *1) All dimensions in mm.
 *2) For H < 6000. If H > 6000, an intermediate support may be required, please consult Elzalift.

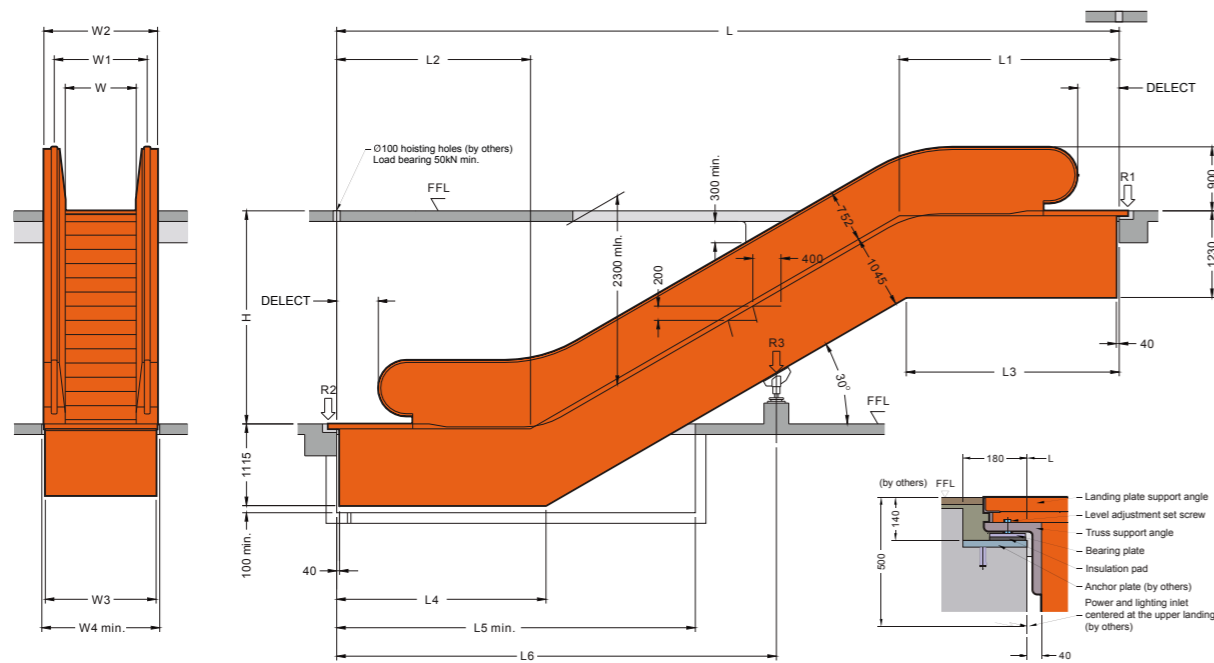
Model	A2S-3088	A2S-30CC	A2S-3588	A2S-35CC
Angle - A	30	30	35	35
Flat step	2	3	2	3
Rise - H	1100 - 6000	1100 - 27200	1250 - 6000	1250 - 6000
L	1.732H + 4788	1.732H + 5592	1.428H + 4906	1.428H + 5710
L1	2768	3170	2787	3189
L2	2020	2422	2119	2521
L3	2582	2984	2545	2947
L4	2206	2608	2361	2763
L5	4124	4526	3948	4350

Step Width - W	1000	800	600
W1	1235	1039	843
W2	1572	1376	1180
W3	1540	1344	1148
W4	1600	1404	1208

W	Model	A2S-3088	A2S-30CC	A2S-3588	A2S-35CC
1000	Weight (kN)	0.008H + 46	0.008H + 50	0.007H + 46	0.007H + 50
	R1 (kN)*2	0.0083H + 39	0.0083H + 43	0.0071H + 39	0.0071H + 43
	R2(kN)*2	0.0083H + 31	0.0083H + 35	0.0071H + 31	0.0071H + 35
800	Weight (kN)	0.008H + 38	0.008H + 42	0.007H + 37	0.007H + 41
	R1 (kN)*2	0.0075H + 32	0.0075H + 36	0.0064H + 32	0.0064H + 36
	R2(kN)*2	0.0075H + 24	0.0075H + 28	0.0064H + 24	0.0064H + 28
600	Weight (kN)	0.008H + 34	0.008H + 38	0.007H + 33	0.007H + 37
	R1 (kN)*2	0.0066H + 28	0.0066H + 31	0.0056H + 28	0.0056H + 31
	R2(kN)*2	0.0066H + 20	0.0066H + 23	0.0056H + 20	0.0056H + 23

Note :
 *1) All dimensions in mm.
 *2) For H < 6000. If H > 6000, an intermediate support may be required, please consult Elzalift.

ELZALIFT
ESCALATOR A2T

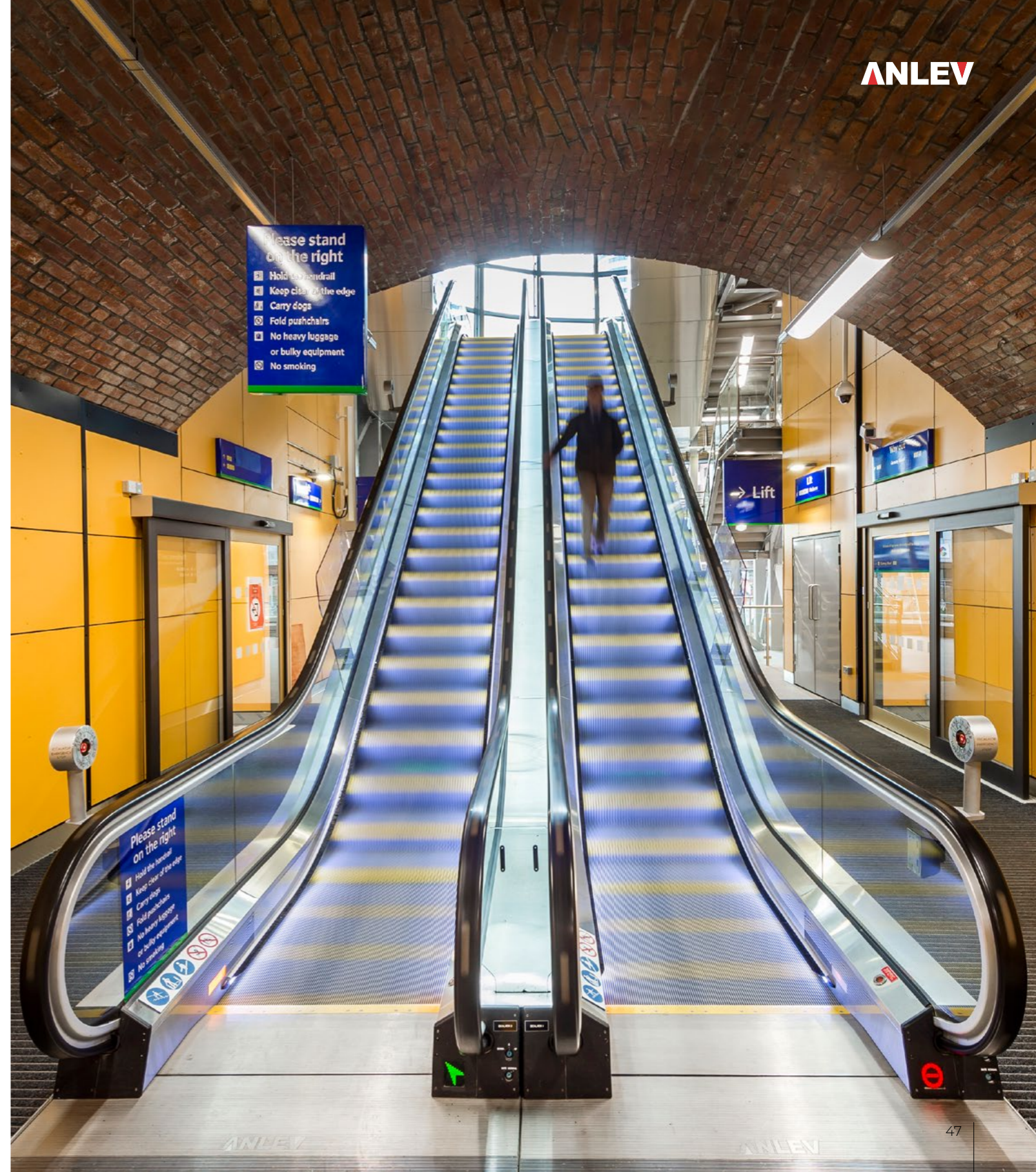


Model	A2T-30CC
Angle - A	30
Flat step	3
Rise - H	1100 - 27200
L	1.732H + 5592
L1	3170
L2	2422
L3	3072
L4	2719
L5	4750

W	Model	A2T-30CC
1000	Weight (kN)	0.01H + 54
	R1 (kN)*2	0.0093H + 45
	R2(kN)*2	0.0093H + 37
800	Weight (kN)	0.008H + 59
	R1 (kN)*2	0.0075H + 45
	R2(kN)*2	0.0075H + 37
600	Weight (kN)	0.008H + 52
	R1 (kN)*2	0.0066H + 39
	R2(kN)*2	0.0066H + 31

Step Width - W	1000	800	600
W1	1260	1064	868
W2	1585	1389	1193
W3	1540	1344	1148
W4	1645	1149	1253

Note:
 *1) All dimensions in mm.
 *2) For H < 6000. If H > 6000, an intermediate support may be required, please consult Elzalfit.



MOVING WAY

A variety of optional features are available to enhance and extend the functionality:

Automatic announcement system

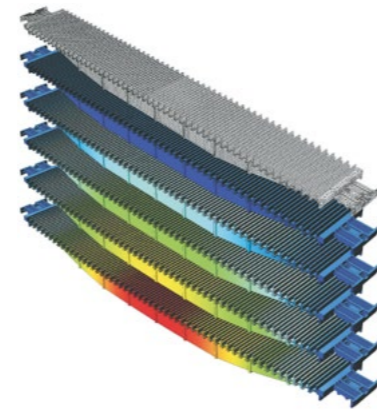
To ensure safer riding for passengers particularly visually impaired or handicapped, CD quality voice announcement system automatically

Automatic start / stop

Automatically detects approaching passengers and controls the moving walkway to run only when needed, thus allowing maximum energy efficiency and equipment lifetime.

Motor energy control

Motor energy controller continuously monitors motor loading conditions and regulates the power feed into the motor. Motor energy control can achieve up to 30% energy saving during light or no load condition.



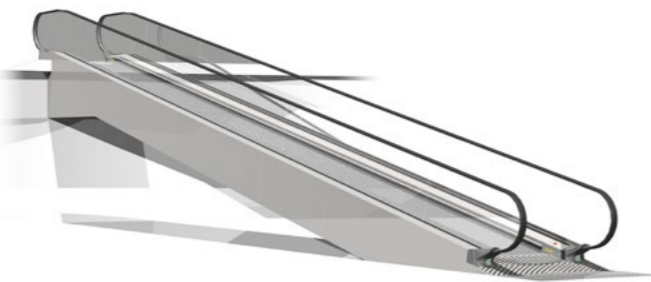
Lighting

To provide better illumination, skirt and comb lighting can be fitted to all ST moving walks.

Skirt dress guard

To further enhance passenger safety, dress guards can be fitted to the skirt panels, which keep passenger away from the pallet gap and prevent accidental trapping of dresses and shoes.

STH - Flat Type



STA - Inclined Type



MOVING WAY

Indication System

User friendly LED display could be provided showing comprehensive operation status indication, display on each landing.:



Enter (Manuel Mode)

Unit is running.
Enter the unit from this entrance.



Enter (Auto Mode)

Unit is set to start automatically.
Enter the unit from this entrance



No Enter

Exit or unit ready to start. Don't enter the unit from this entrance.



Out of Service

Service suspended. Unit switched off, require service or under maintenance.





Lift
→



Babies & toddlers must be securely strapped in their seats and the trolley must be held continuously

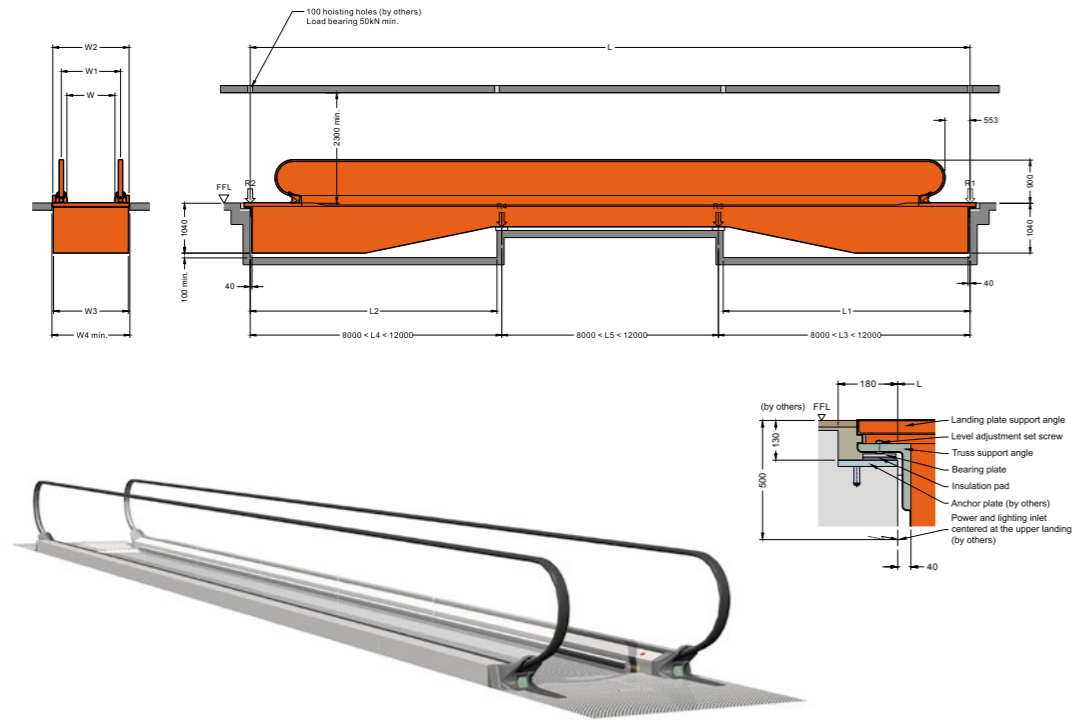
Please do not lean on the trolleys

No motorised scooters

Escalator safety
1. Stand facing the direction of travel.
2. Hold the handrail.
3. Keep feet steady from side to side.
4. Do not lean against the handrail.
5. Bags must be carried.

Escalator safety
1. Stand facing the direction of travel.
2. Hold the handrail.
3. Keep feet steady from side to side.
4. Do not lean against the handrail.
5. Bags must be carried.

ST Horizontal

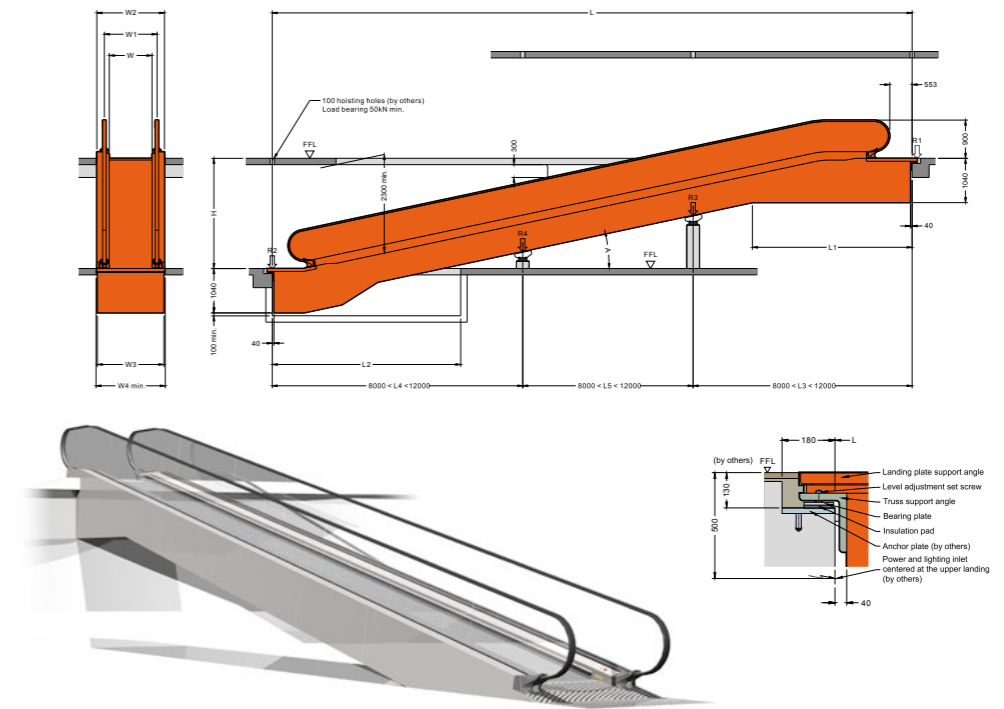


Pallet Width - W	1400	1200	1000
W1	1627	1431	1235
W2	1964	1768	1572
W3	1932	1736	1540
W4	1992	1796	1600

Model	ST_-0000
L	134000 max.
L1	5500 max.
L2	5500 max.

Note :
 *1) All dimensions in mm.
 *2) Please consult Anlev for number of intermediate support and reaction loads.

ST Inclined



Model	ST_-1040	ST_-1044	ST_-1140	ST_-1144	ST_-1240	ST_-1244
Angle - A	10	10	11	11	12	12
Rise - H	1500 - 10430	1500 - 10430	1500 - 11475	1500 - 11475	1500 - 12525	1500 - 12525
L	5.6713H + 3305	5.6713H + 5146	5.1446H + 3358	5.1446H + 5261	4.7046H + 3410	4.7046H + 5375
L1	5395	5395	5184	5184	5015	5015
L2	4900	6500	4900	6000	4900	5700

Pallet Width - W	1000
W1	1235
W2	1572
W3	1540
W4	1600

Note :
 *1) All dimensions in mm.
 *2) Please consult Anlev for number of intermediate support and reaction loads.

OPERATION PANEL ELECTRIC COMPONENTS



COP2802/HW

Configuration

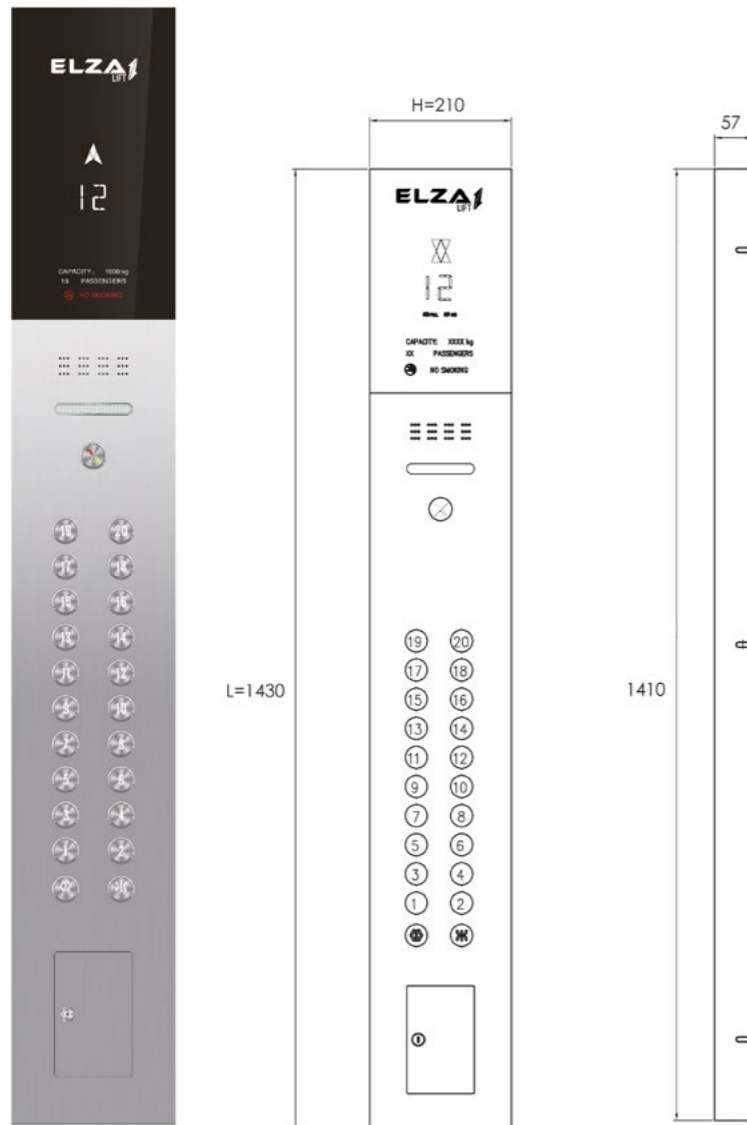
1. The display effect can be adapted to dotmatrix, segment code, LCD. etc
2. Matching button. optional
3. Access door and switch lock are optional

Panel Material

Hairline Stainless Steel/ Acrylic

Installation Method

Embedded Installation



COP2101 /HW-P1

Configuration

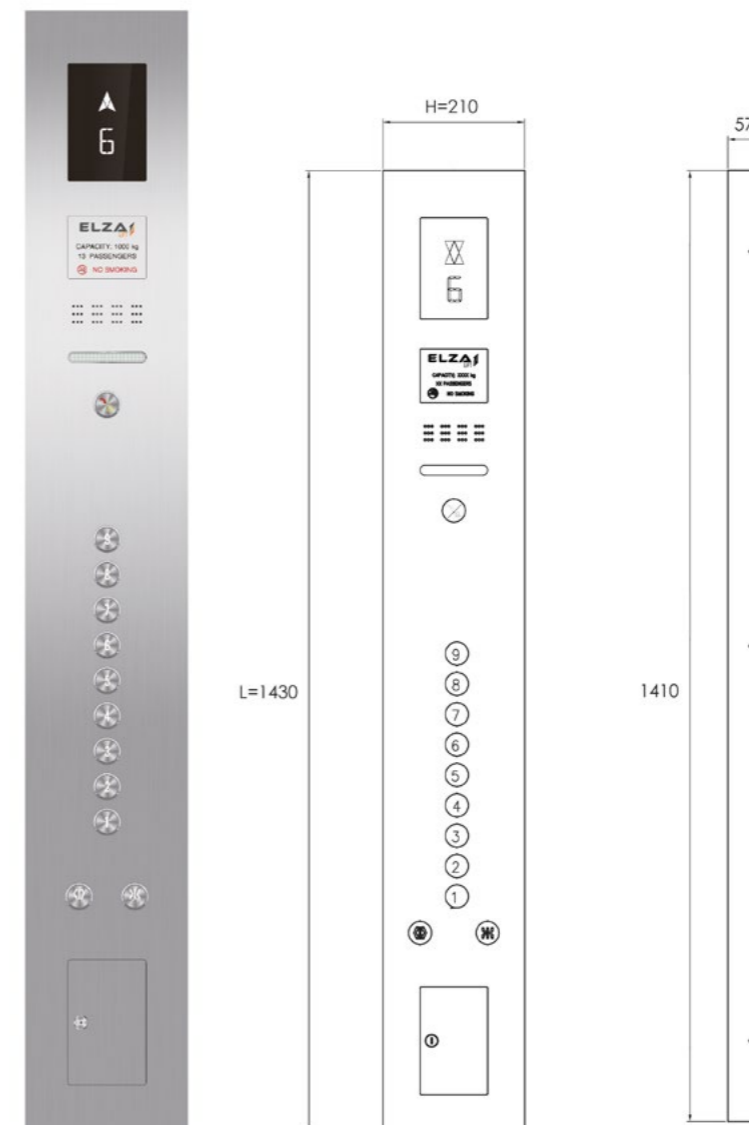
1. The display effect can be adapted to dotmatrix, segment code, LCD. etc
2. Matching button. optional
3. Access door and switch lock are optional

Panel Material

Hairline Stainless Steel/ Acrylic

Installation Method

Embedded Installation



BCK 191

Configuration

Panel Size(mm): 1300*230*4
Bottom Box Size(mm): 1280*213*70

Panel Material

Toughened Glass
Push Button: Touch Button

Installation Method

Embedded Installation



BCK191

Panel Size(mm) 375*105*4
Bottom Box Size(mm) 360*90*60



BCK191

Panel Size(mm) 375*256*4
Bottom Box Size(mm) 360*240*60

BCK 481

Configuration

1. Display Module: 1 Dot matrix K-E'11000
2. Push Button: BAS23 I
3. Panel Size(mm): 1300*218*10
4. Bottom Box Size(mm): 1230*183*70

Panel Material

Hairline Stainless Steel/ Acrylic

Installation Method

Embedded Installation



BCK481

Panel Size(mm)
584*120*10

BCK481

Bottom Box
Size(mm)
543*100*59



BCK481

Panel Size(mm)
436*120*10

BCK481

Bottom Box
Size(mm)
393*100*59



BCK481

Car Operation Panel Holl Coll COP5102/HW

Configuration

1. The display effect can be adapted to dotmatrix, segment code, LCD. etc
2. Matching button. optional
3. Access door and switch lock are optional

Panel Material

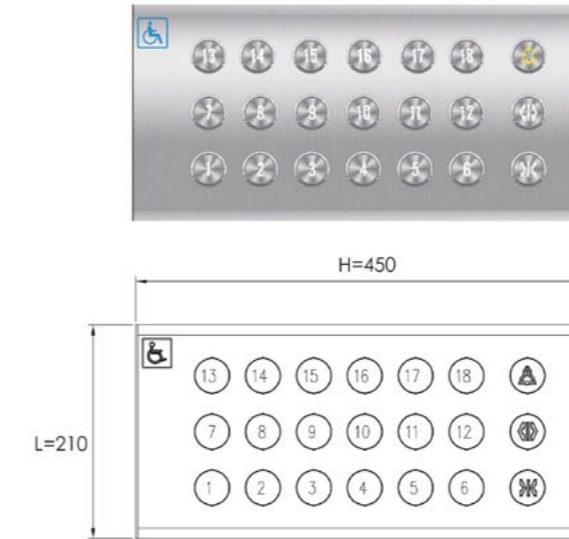
Hairline Stainless Steel/ Acrylic

Installation Method

Integrated Car Operation Panel



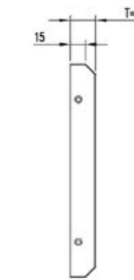
Wheelchair Car Operation Panel COP6201 /HW-P1



Panel Material

Hairline Stainless Steel

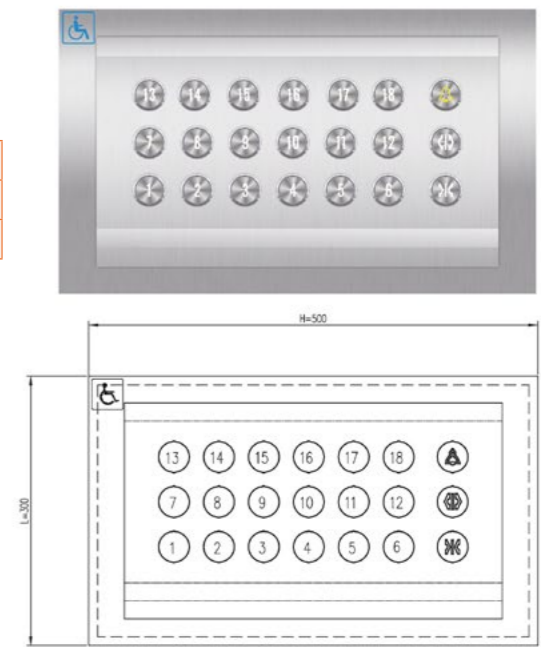
Floor	L (mm)	H (mm)	T (mm)
2 - 18	210	450	25
19 - 30	300	450	25



Panel Material

Hairline Stainless Steel

Floor	L (mm)	H (mm)	A (mm)	B (mm)	D (mm)
2 - 18	300	500	280	480	50
19 - 30	400	500	380	480	50



Hall Call

LOP2101/HW-M

Bottomless Box Holl Coll

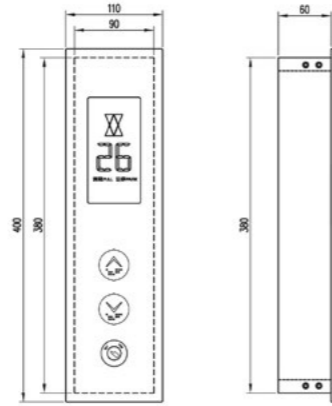
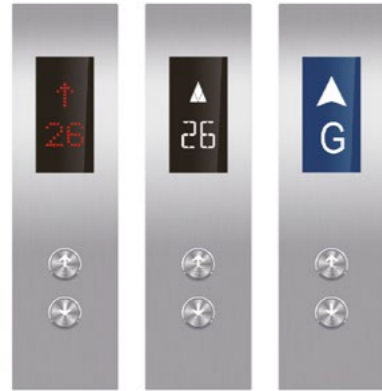
Appearance Size (mm)
380x90x60

Panel Material

Hairline Stainless Steel

Push Button

Option



Bottomless Box Hall Cal

SH-283

Bottomless Box Holl Coll

Appearance Size (mm)
350x105x13

Panel Material

Hairline Stainless Steel

Push Button

Option



LOP2101-B/HW-M

Bottomless Box Holl Coll

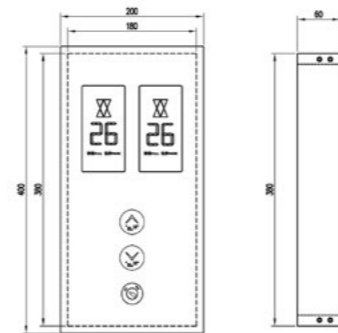
Appearance Size (mm)
380x180x60

Panel Material

Hairline Stainless Steel

Push Button

Option



SH-281

Bottomless Box Holl Coll

Appearance Size (mm)
350x99x13

Panel Material

Hairline Stainless Steel

Push Button

Option



Bottomless Box Hall Cal

GH-GR02

Bottomless Box Holl Coll

Appearance Size (mm)
380x98x20

Panel Material

Hairline Stainless Steel

Push Button

Option



GH-GRB

Bottomless Box Holl Coll

Appearance Size (mm)
350x200x20

Panel Material

Hairline Stainless Steel

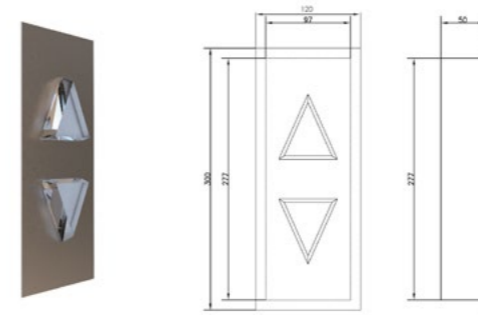
Push Button

Option

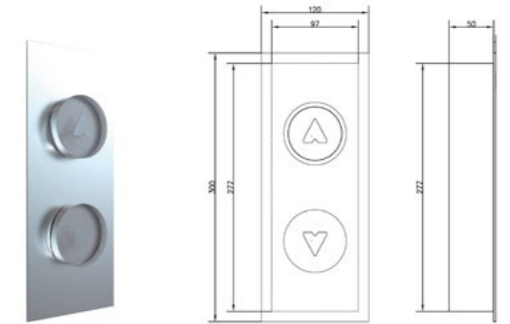


Direction Indicator Series

LZD-21/HW

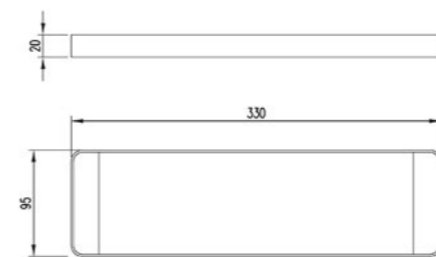


LZD-22/HW

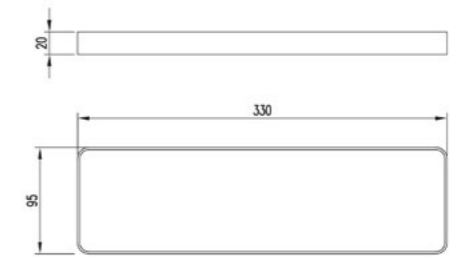


Display

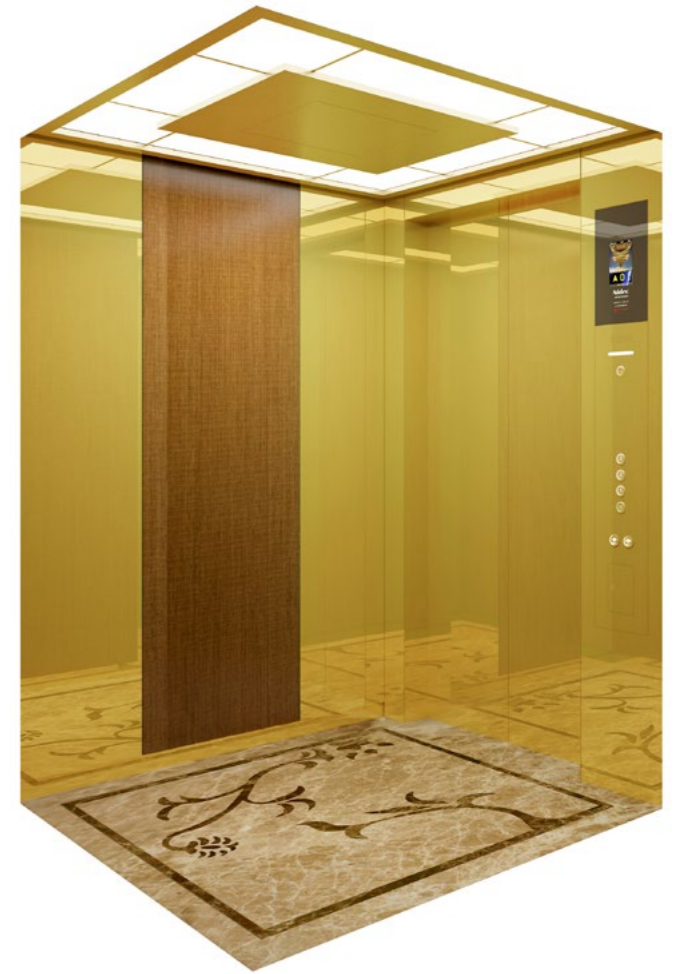
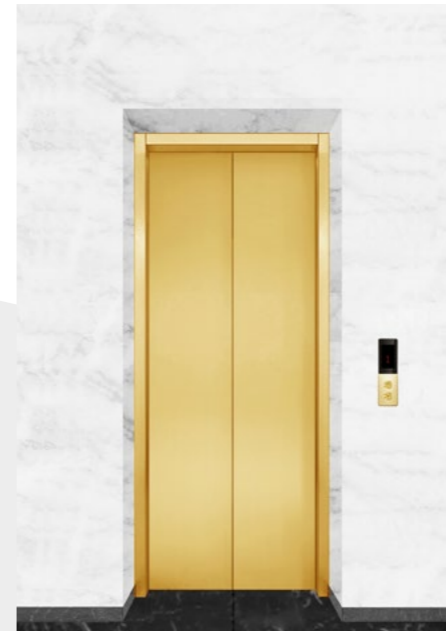
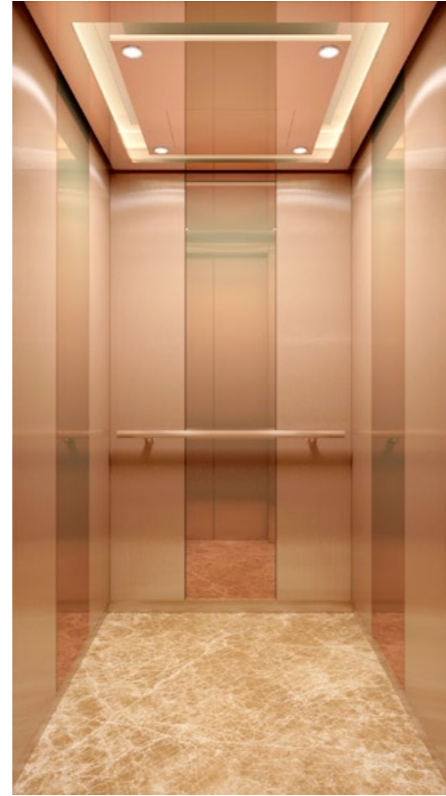
HX-GX02



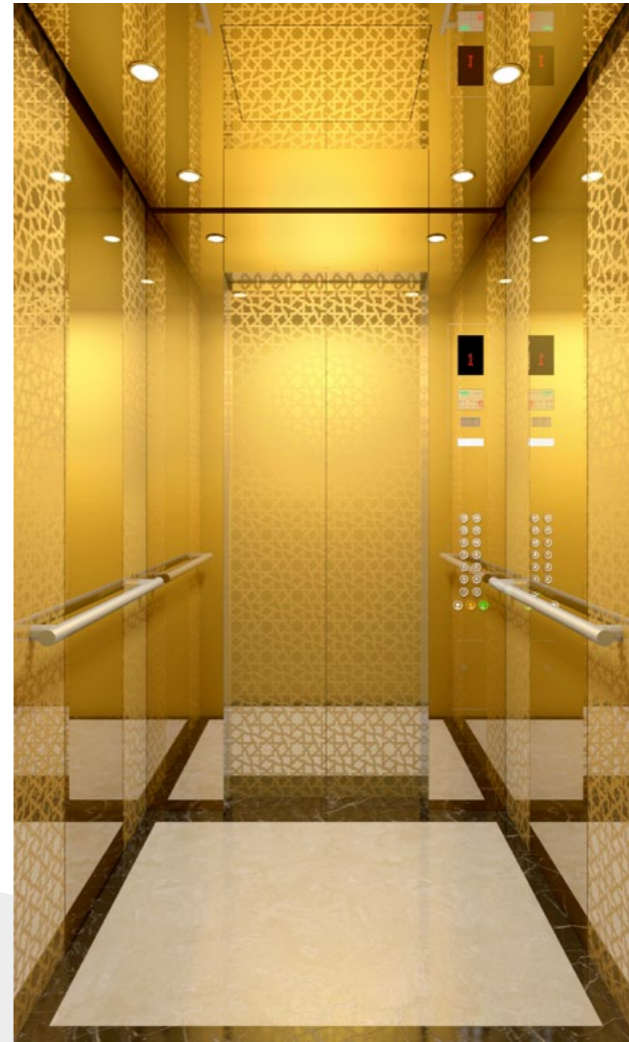
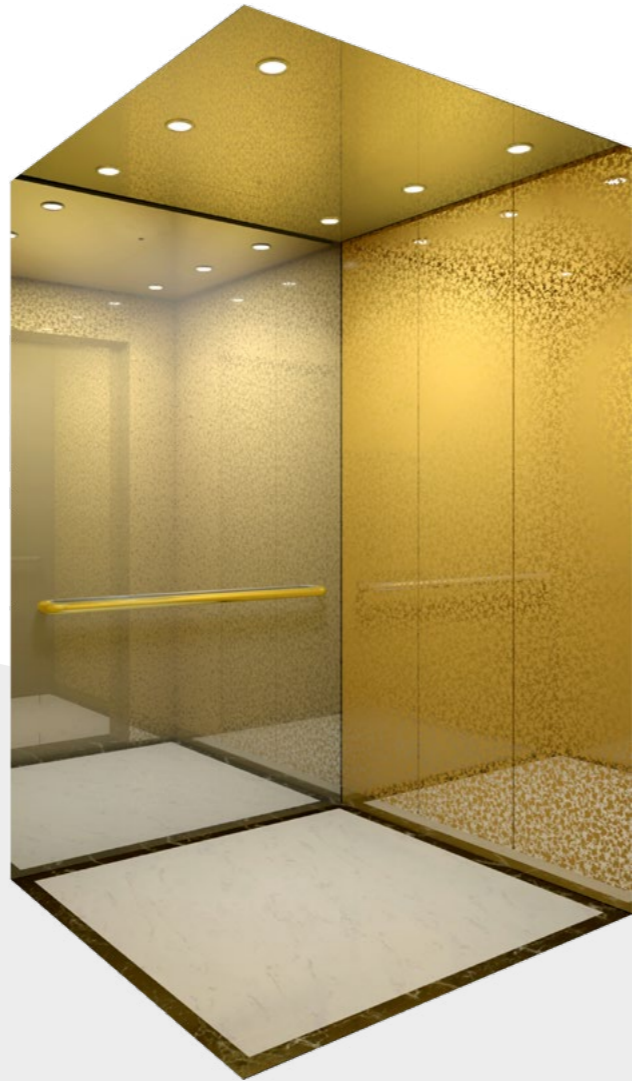
HX-GX02B



ELZALIFT
CABIN



ELZALIFT
CABIN



STANDARD FUNCTIONS



MRL Standard Function

Type	No	Function	Description
Safety	1	■	Door lock short circuit protection
	2	■	Light-curtain protection
	3	■	Overvoltage Protection
	4	■	Bus Voltage Protection
	5	■	Inverter overheat protection
	6	■	Overcurrent protection
	7	■	Overload protection
	8	■	Drive phase protection
	9	■	Fire recall run
	10	■	Rope slip monitoring
	11	■	Fire-fighter service
	12	■	Safety circuit detection
	13	■	Door lock circuit detection
	14	■	Brake travel switch feedback detection
	15	■	Drive feedback detection
	16	■	Limit switch protection
	17	■	Run contactor detection
	18	■	Brake contactor detection
	19	■	Rectifier overheat protection
	20	■	Unintended Car Movement protection
	21	■	Drive feedback protection
	22	■	CPU WDT protection
	23	■	Door lock protection during the run
	24	■	Door zone protection

Type	No	Function	Description
Safety Emergency	25	■	Earthquake operation
	26	■	Encoder feedback detection
	27	■	Reverse running protection
	28	■	Motor overheat protection
AI Optimization	29	■	Leveling Adjustment
	30	■	Direct Landing
	31	■	Dynamic auto-tune
	32	■	Anti-rollback
	33	■	Current ramp when stopping
	34	■	Hoistway Learn Errors
	35	■	UI Call Register
	36	■	Full Selective
	37	■	Auto correction of car position
	38	■	Self-leveling Run
	39	■	Light load nuisance
	40	■	Hoistway Learn
	41	■	Door dwell cancellation
	42	■	Position Protection
Display and energy saving	43	■	Floor display setting
	44	■	Scroll to display running direction
	45	■	Dot matrix floor display
	46	■	User interface unprotected access
	47	■	Energy saving
	48	■	Real-time clock management

Type	No	Function	Description
Run and Monitoring	49	■	Forced deceleration function
	50	■	Elevator lock service
	51	■	Inspection door open/close operation
	52	■	Programmable input
	53	■	Programmable output
	54	■	Attendant operation
	55	■	Hall call button monitoring
	56	■	Hall door open at leveling
	57	■	Door dwell cancellation
	58	■	Door reopening
	59	■	Brake voltage switching
	60	■	Car call cancellation
	61	■	Auto-homing
	62	■	Inspection run
	63	■	Fault history
	64	■	Door zone signal fault protection
	65	■	Door open/close protection
	66	■	Full load bypass
	67	■	Overload protection
	68	■	Internet monitoring
	69	■	Timed blind floor
	70	■	Emergency power run (machine room inspection)
	71	■	Terminal inspection speed limit
	72	■	Service floor setting

Type	No	Function	Description
Run and Monitoring	73	■	Independent run
	74	■	Test run
Optional Features	1	□	Door open re-leveling
	2	□	Car arrival Chime
	3	□	Rear/Front door control
	4	□	Cabin IC card control
	5	□	ADA mode
	6	□	Emergency rescue
	7	□	Hall lantern
	8	□	Duplex
	9	□	Group Control
	10	□	Voice announcement
	11	□	Rear door control box
	12	□	Hall IC card control
	13	□	Hall arrival Chime

- Standard Features
- Optional Features

MR Standard Function

Type	No	Function	Description
Safety	1	■	Door lock short circuit protection
	2	■	Light-curtain protection
	3	■	Overvoltage Protection
	4	■	Bus Voltage Protection
	5	■	Inverter overheat protection
	6	■	Overcurrent protection
	7	■	Overload protection
	8	■	Drive phase protection
	9	■	Fire recall run
	10	■	Rope slip monitoring
	11	■	Fire-fighter service
	12	■	Safety circuit detection
	13	■	Door lock circuit detection
	14	■	Brake travel switch feedback detection
	15	■	Drive feedback detection
	16	■	Limit switch protection
	17	■	Run contactor detection
	18	■	Brake contactor detection
	19	■	Rectifier overheat protection
	20	■	Unintended Car Movement protection
	21	■	Drive feedback protection
	22	■	CPU WDT protection
	23	■	Door lock protection during the run
	24	■	Door zone protection

Type	No	Function	Description
Safety Emergency	25	■	Earthquake operation
	26	■	Encoder feedback detection
	27	■	Reverse running protection
	28	■	Motor overheat protection
AI Optimization	29	■	Leveling Adjustment
	30	■	Direct Landing
	31	■	Dynamic auto-tune
	32	■	Anti-rollback
	33	■	Current ramp when stopping
	34	■	Hoistway Learn Errors
	35	■	UI Call Register
	36	■	Full Selective
	37	■	Auto correction of car position
	38	■	Self-leveling Run
	39	■	Light load nuisance
	40	■	Hoistway Learn
	41	■	Door dwell cancellation
	42	■	Position Protection
Display and energy saving	43	■	Floor display setting
	44	■	Scroll to display running direction
	45	■	Dot matrix floor display
	46	■	User interface unprotected access
	47	■	Energy saving
	48	■	Real-time clock management

Type	No	Function	Description
Run and Monitoring	49	■	Forced deceleration function
	50	■	Elevator lock service
	51	■	Inspection door open/close operation
	52	■	Programmable input
	53	■	Programmable output
	54	■	Attendant operation
	55	■	Hall call button monitoring
	56	■	Hall door open at leveling
	57	■	Door dwell cancellation
	58	■	Door reopening
	59	■	Brake voltage switching
	60	■	Car call cancellation
	61	■	Auto-homing
	62	■	Inspection run
	63	■	Fault history
	64	■	Door zone signal fault protection
	65	■	Door open/close protection
	66	■	Full load bypass
	67	■	Overload protection
	68	■	Internet monitoring
	69	■	Timed blind floor
	70	■	Emergency power run (machine room inspection)
	71	■	Terminal inspection speed limit
	72	■	Service floor setting

Type	No	Function	Description
Run and Monitoring	73	■	Independent run
	74	■	Test run
Optional Features	1	□	Door open re-leveling
	2	□	Car arrival Chime
	3	□	Rear/Front door control
	4	□	Cabin IC card control
	5	□	ADA mode
	6	□	Emergency rescue
	7	□	Hall lantern
	8	□	Duplex
	9	□	Group Control
	10	□	Voice announcement
	11	□	Rear door control box
	12	□	Hall IC card control
	13	□	Hall arrival Chime

- Standard Features
- Optional Features

HIGH-SPEED Standard Function



Type	No	Function	Description
Safety	1	■	Door lock short circuit protection
	2	■	Light-curtain protection
	3	■	Overvoltage Protection
	4	■	Bus Voltage Protection
	5	■	Inverter overheat protection
	6	■	Overcurrent protection
	7	■	Overload protection
	8	■	Drive phase protection
	9	■	Fire recall run
	10	■	Rope slip monitoring
	11	■	Fire-fighter service
	12	■	Safety circuit detection
	13	■	Door lock circuit detection
	14	■	Brake travel switch feedback detection
	15	■	Drive feedback detection
	16	■	Limit switch protection
	17	■	Run contactor detection
	18	■	Brake contactor detection
	19	■	Rectifier overheat protection
	20	■	Unintended Car Movement protection
	21	■	Drive feedback protection
	22	■	CPU WDT protection
	23	■	Door lock protection during the run
	24	■	Door zone protection
	25	■	Terminal speed monitoring (with reduced stroke buffer)

Type	No	Function	Description
Safety Emergency	26	■	Earthquake operation
	27	■	Encoder feedback detection
	28	■	Reverse running protection
	29	■	Motor overheat protection
AI Optimization	30	■	Leveling Adjustment
	31	■	Direct Landing
	32	■	Dynamic auto-tune
	33	■	Anti-rollback
	34	■	Current ramp when stopping
	35	■	Hoistway Learn Errors
	36	■	UI Call Register
	37	■	Full Selective
	38	■	Auto correction of car position
	39	■	Self-leveling Run
	40	■	Light load nuisance
	41	■	Hoistway Learn
	42	■	Door dwell cancellation
	43	■	Position Protection
	Display and energy saving	44	■
45		■	Scroll to display running direction
46		■	Dot matrix floor display
47		■	User interface unprotected access
48		■	Energy saving
49	■	Real-time clock management	
Run and Monitoring	50	■	Forced deceleration function (or emergency stop)

Type	No	Function	Description
Run and Monitoring	51	■	Elevator lock service
	52	■	Inspection door open/close operation
	53	■	Programmable input
	54	■	Programmable output
	55	■	Attendant operation
	56	■	Hall call button monitoring
	57	■	Hall door open at leveling
	58	■	Door dwell cancellation
	59	■	Door reopening
	60	■	Brake voltage switching
	61	■	Car call cancellation
	62	■	Auto-homing
	63	■	Inspection run
	64	■	Fault history
	65	■	Door zone signal fault protection
	66	■	Door open/close protection
	67	■	Full load bypass
	68	■	Overload protection
	69	■	Internet monitoring
	70	■	Timed blind floor
	71	■	Emergency power run (machine room inspection)
	72	■	Terminal inspection speed limit
	73	■	Service floor setting
	74	■	Independent run
	75	■	Test run

Type	No	Function	Description
Optional Features	1	□	Door open re-leveling
	2	□	Car arrival Chime
	3	□	Rear/Front door control
	4	□	Cabin IC card control
	5	□	ADA mode
	6	□	Emergency rescue
	7	□	Hall lantern
	8	□	Duplex
	9	□	Group Control
	10	□	Voice announcement
	11	□	Rear door control box
	12	□	Hall IC card control
	13	□	Hall arrival Chime

- Standard Features
- Optional Features

